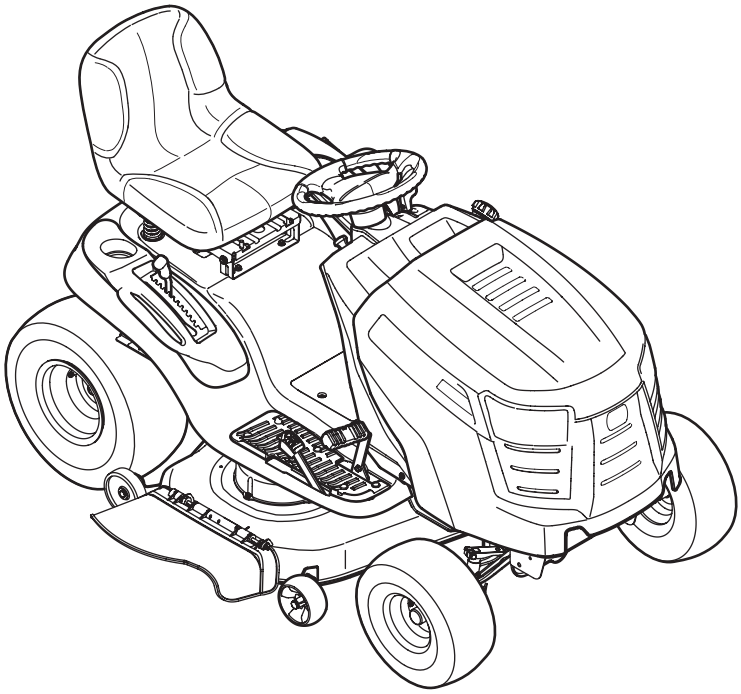
Cub Cadet®

Illustrated Parts Manual



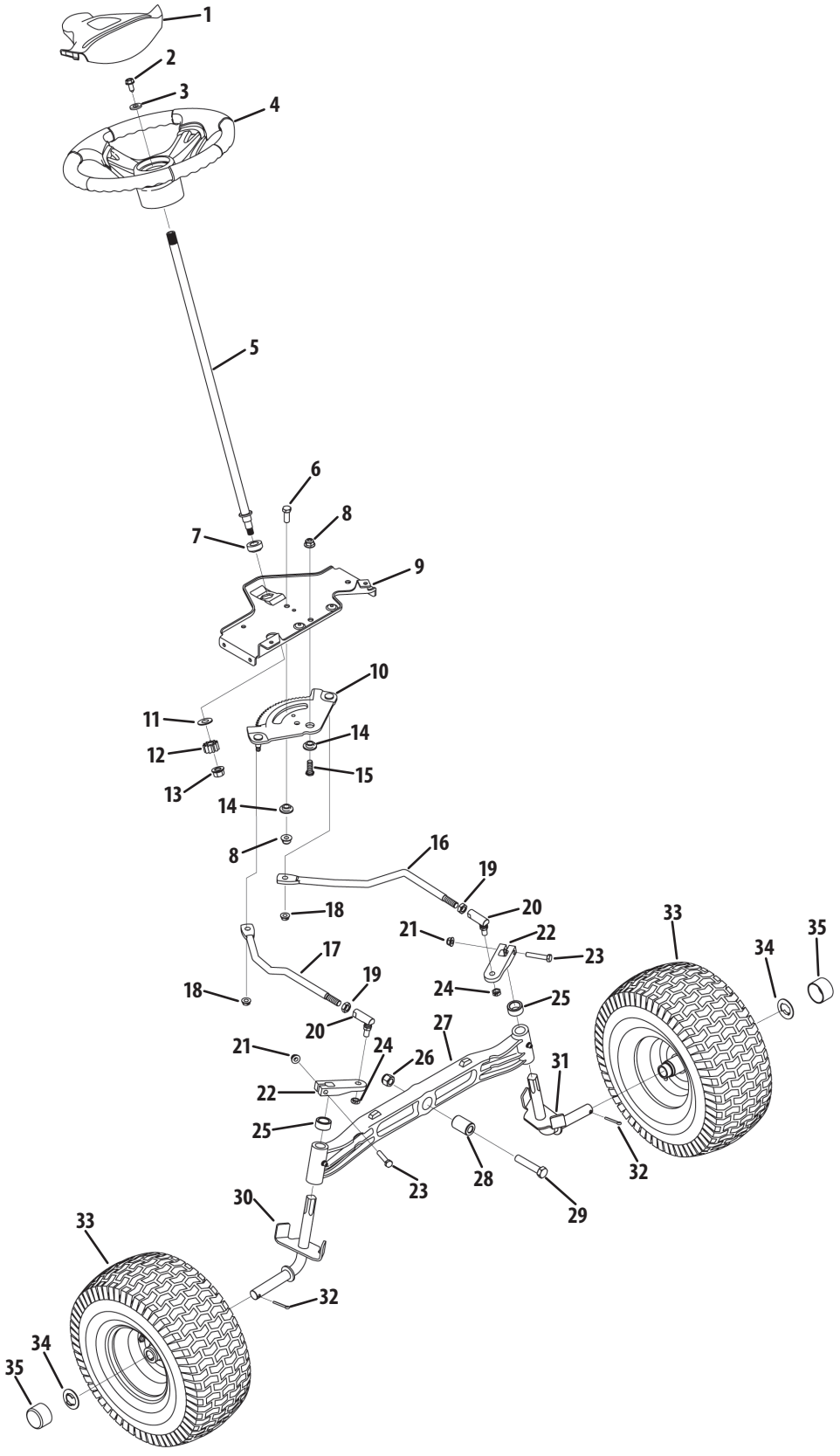
Hydrostatic Lawn Tractor — LTX1046VT & LTX1050VT

CUB CADET LLC, P.O. BOX 361131 CLEVELAND, OHIO 44136-0019

Printed In USA

Form No. 769-04840
(June 10, 2009)

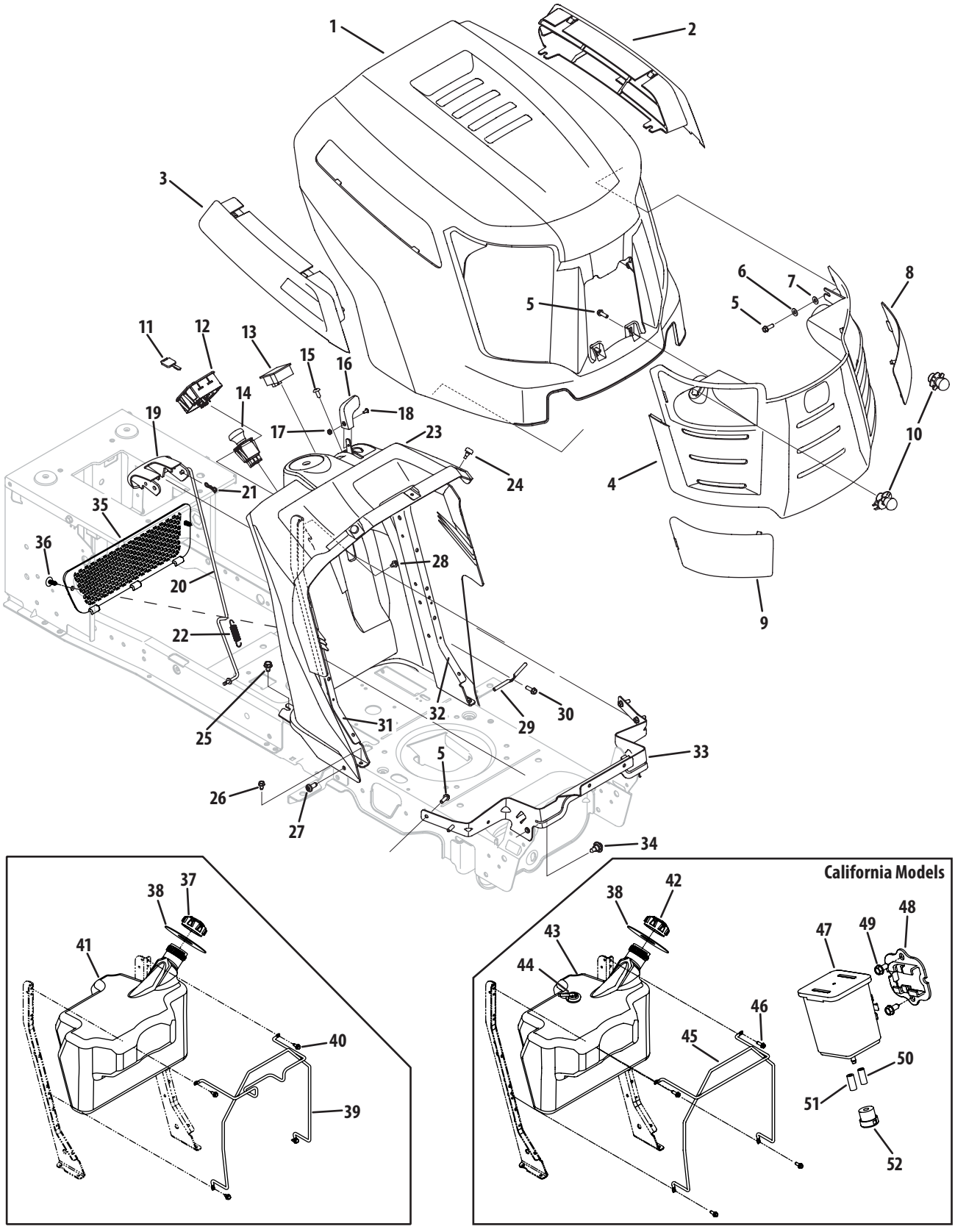
Steering & Front Axle Assembly



Ref.	Part Number	Description
1	731-04532B	Steering Wheel Cover
2	710-04484	Hex Washer Screw, 5/16-18 x .750
3	936-3004	Flat Washer, .406 x .875 x .105
4	631-04008A	Steering Wheel
5	738-04262	Steering Wheel Shaft
6	710-0514	Hex Screw, 3/8-16 x 1.00
7	741-04237A	Hex Flange Bearing
8	712-04065	Flange Lock Nut, 3/8-16
9	783-06043-0637	Steering Support Bracket
10	717-1550F	Steering Gear
11	736-3084	Flat Washer, .51 x 1.12 x .06
12	717-1554	Steering Gear
13	712-0459	Flange Lock Nut, 7/16-20
14	738-04363	Shoulder Spacer, .385 x 1.25 x .3025
15	710-04095	Hex Screw, 3/8-16 x 1.00
16	711-04998	LH Drag Link
17	711-04999	RH Drag Link
18	712-3004A	Flange Lock Nut, 5/16-18
19	912-0240	Jam Nut, 7/16-20
20	923-0448A	Lock Joint

Ref.	Part Number	Description
21	712-04063	Flange Lock Nut, 5/16-18
22	748-04065-0637	Steering Block
23	710-3180	Hex Screw, 5/16-18 x 1.75
24	912-0214	Hex Lock Nut, 3/8-24
25	748-04068	Spacer, .71 x .125 x .56
26	712-3083	Hex Lock Nut, 1/2-13
27	719-04413	Axle Pivot Bar
28	750-05041	Spacer, .510 x 1.00 x 1.5075
29	710-04824	Hex Screw, 1/2-13 x 2.5
30	638-04022-0637	RH Axle Assembly
31	638-04028-0637	LH Axle Assembly
32	714-0162	Cotter Pin, 5/32 x 1.25
33	N/A	Wheel Assembly
—	734-1731-0901	Tire, 15 x 6
—	634-04405-0499	Rim, 6.0 x 4.5
—	741-0990B	Bearing w/ Fitting
—	741-0516B	Bearing
34	736-04228A	Flat Washer, .781 x 1.590
35	731-05674	Bumper Cap

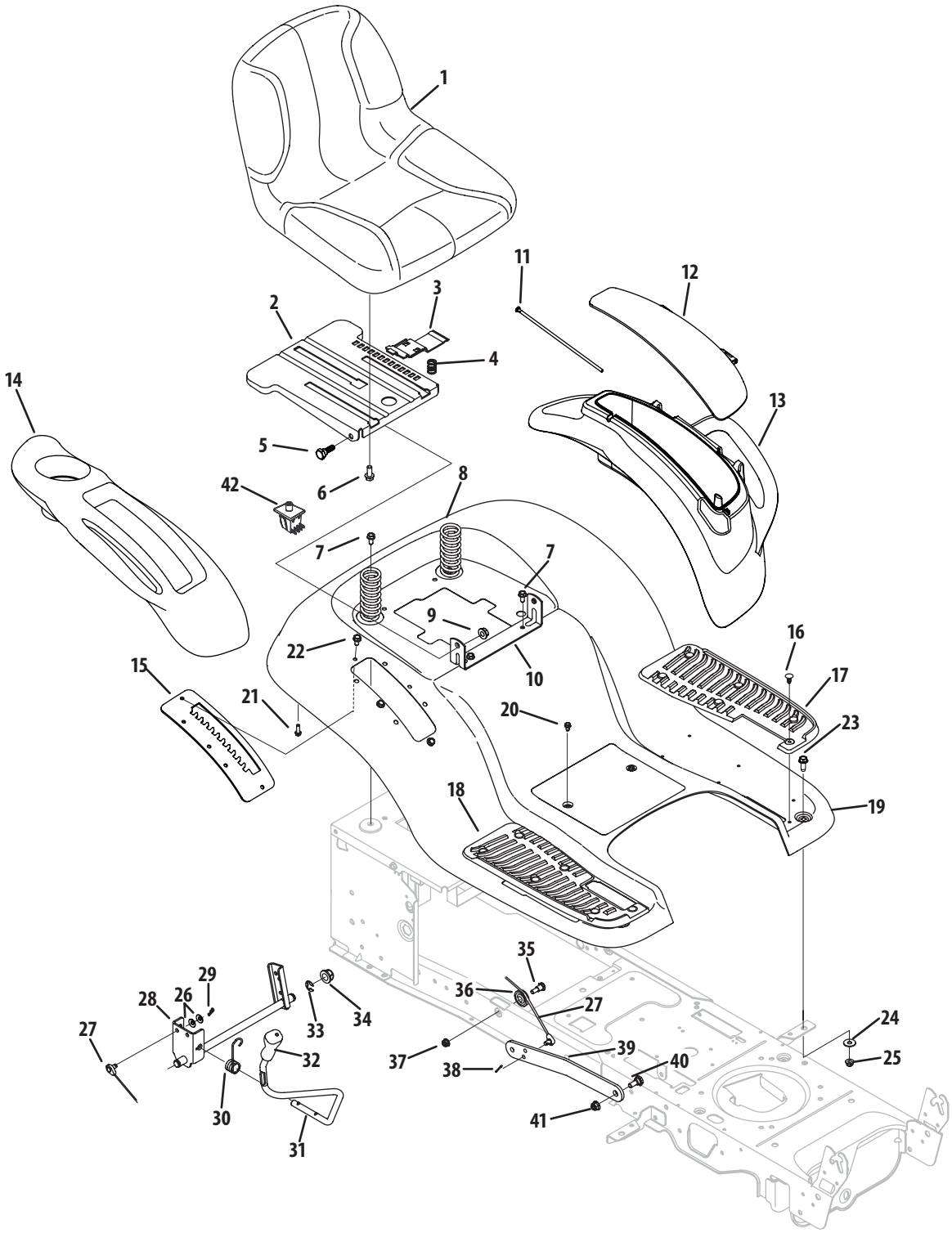
Hood & Dash Assembly



Ref.	Part Number	Description
1	931-06634	Hood
2	731-06543	LH Hood Scoop
3	731-06542	RH Hood Scoop
4	931-04322	Grill
—	777X43335	Reflective Label, LH
—	777X43334	Reflective Label, RH
5	710-0895	Hex Washer Screw, ¼-15 x .750
6	936-3020	Flat Washer, .271 x .630 x .065
7	936-0222	Lock Washer, ¼
8	931-06559	Lens, LH
9	931-06558	Lens, RH
10	925-0963	Bulb
—	925-1649	Headlight Socket
11	925-2054A	Key
12	925-04227B	Key Switch (U.S.)
13	925-04022B	Indicator Meter
14	725-04258	Electric PTO (If Equipped)
15	710-1017	Screw, ¼-14 x .625
16	731-06593	Throttle Knob
17	712-0142	Hex Nut, #8-32
18	710-3217	Screw, #8-32 x .375
19	731-05447A	Parking Brake/Cruise Control Lever
20	747-05009	Control Rod
21	714-04040	Bow-Tie Cotter Pin
22	732-04580	Extension Spring, .500 x 2.733
23	931-06554	Dash Panel
24	735-0271A	Bumper
25	710-04484	Hex Washer Screw, 5⁄16-18 x .750
26	710-0599	Hex Washer Screw, ¼-20 x .500

Ref.	Part Number	Description
27	710-1611B	Screw, 5⁄16-18 x .750
28	710-1652	Hex Washer Screw, ¼-20 x .625
29	747-1196	Bent Lever Rod
30	710-0895	Hex Washer Screw, ¼-15 x .750
31	783-06099-0637	Dash Support, RH
32	783-06098-0637	Dash Support, LH
33	783-06114-0637	Hood Pivot Bracket
34	738-04091A	Shoulder Screw, 5⁄16-18 x .43 x .29
35	735-04076	Net
36	726-3046	Ratchet Clip
37	751-0603A	Fuel Cap
38	735-04170	Fuel Tank Gasket
39	747-05040A	Fuel Tank Support Rod
40	710-1652	Hex Washer Screw, ¼-20 x .625
41	751-10879	Fuel Tank
42	951-10947	Fuel Cap
43	751-10906	Fuel Tank
44	751-10441	Rollover Valve
—	735-04081	Rubber Grommet
45	747-05040A	Fuel Tank Support Rod
46	710-0642	Hex Washer Screw, ¼-20 x .750
47	951-10589	Carbon Canister
48	951-10610	Canister Adapter Bracket
49	710-04484	Hex Washer Screw, 5⁄16-18 x .750
50	751-10749	Fuel Hose, 3⁄16 White
51	751-10750-28	Fuel Hose, 7⁄32 Yellow
52	951-10590	Canister Vent Filter
NS	731-06936	Plenum (Under Hood)
NS	710-0895	Hex Washer Screw, ¼-15 x .750

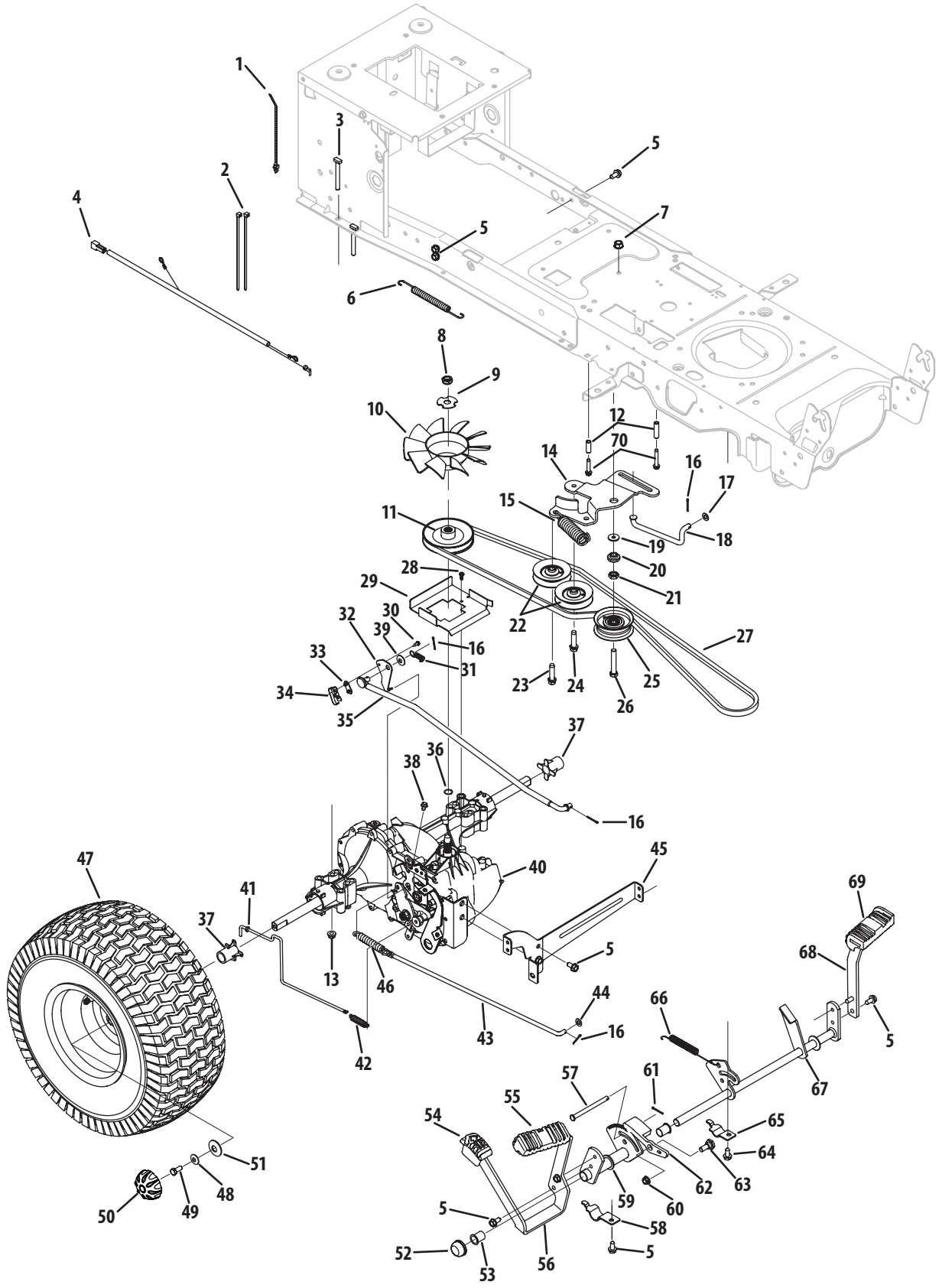
Seat, Fender & Deck Lift



Ref.	Part Number	Description
1	757-04091	High-Back Chair
2	783-06049-4021	Seat Mounting Bracket
3	783-06050	Seat Adjustment Lever
4	732-04563	Compression Spring, .68 x 1.065 x .055
5	938-0296	Shoulder Screw, 5⁄16-18 x .437 x .268
6	710-04482	Hex Flange Bolt, 3⁄8-16 x .875
7	710-04484	Hex Washer Screw, 5⁄16-18 x .750
8	732-04561	Compression Spring, 1.71 x 3.735 x .238
9	712-3004A	Flange Lock Nut, 5⁄16-18
10	783-06088-4021	Seat Pivot Bracket
11	747-05039	Door Pin LH Pod
12	731-06584	Fender Cover Door
13	731-06676	Fender Cover, LH
14	731-06700	Fender Cover, RH
15	783-06181-0637	Lift Adjustment Bracket
16	726-3046	Ratchet Clip
17	735-04137	Foot Pad, LH
18	735-04139	Foot Pad, RH
19	783-06118-4021	Fender
20	710-0599	Hex Washer Screw, 1⁄4-20 x .500

Ref.	Part Number	Description
21	710-0895	Hex Washer Screw, 1⁄4-15 x .750
22	710-04484	Hex Washer Screw, 5⁄16-18 x .750
23	710-1260A	Hex Washer Screw, 5⁄16-18 x .750
24	736-3078	Flat Washer, .344 x 1.0 x .063
25	712-04063	Flange Lock Nut, 5⁄16-18
26	736-0105	Washer, .401 x .870 x .063
27	746-0968	Lift Cable
28	683-04223-0637	Lift Shift Assembly
29	914-0104	Cotter Pin, .072 x 1.13
30	732-0874	Torsion Spring
31	747-04962A	Lift Handle
32	720-0311	Handle Grip
33	716-0106A	E-Type Ring
34	941-0225	Hex Flange Bearing
35	738-0138A	Shoulder Screw, 5⁄16-18 x .437 x .470
36	756-04331	Cable Roller Pulley
37	712-04063	Flange Lock Nut, 5⁄16-18
38	714-04040	Bow-Tie Cotter Pin
39	783-05546-0637	Lift Arm
40	938-0380	Shoulder Bolt, 3⁄8-16 x .500 x .270
41	712-04065	Flange Lock Nut, 3⁄8-16
42	925-04040	Seat Switch

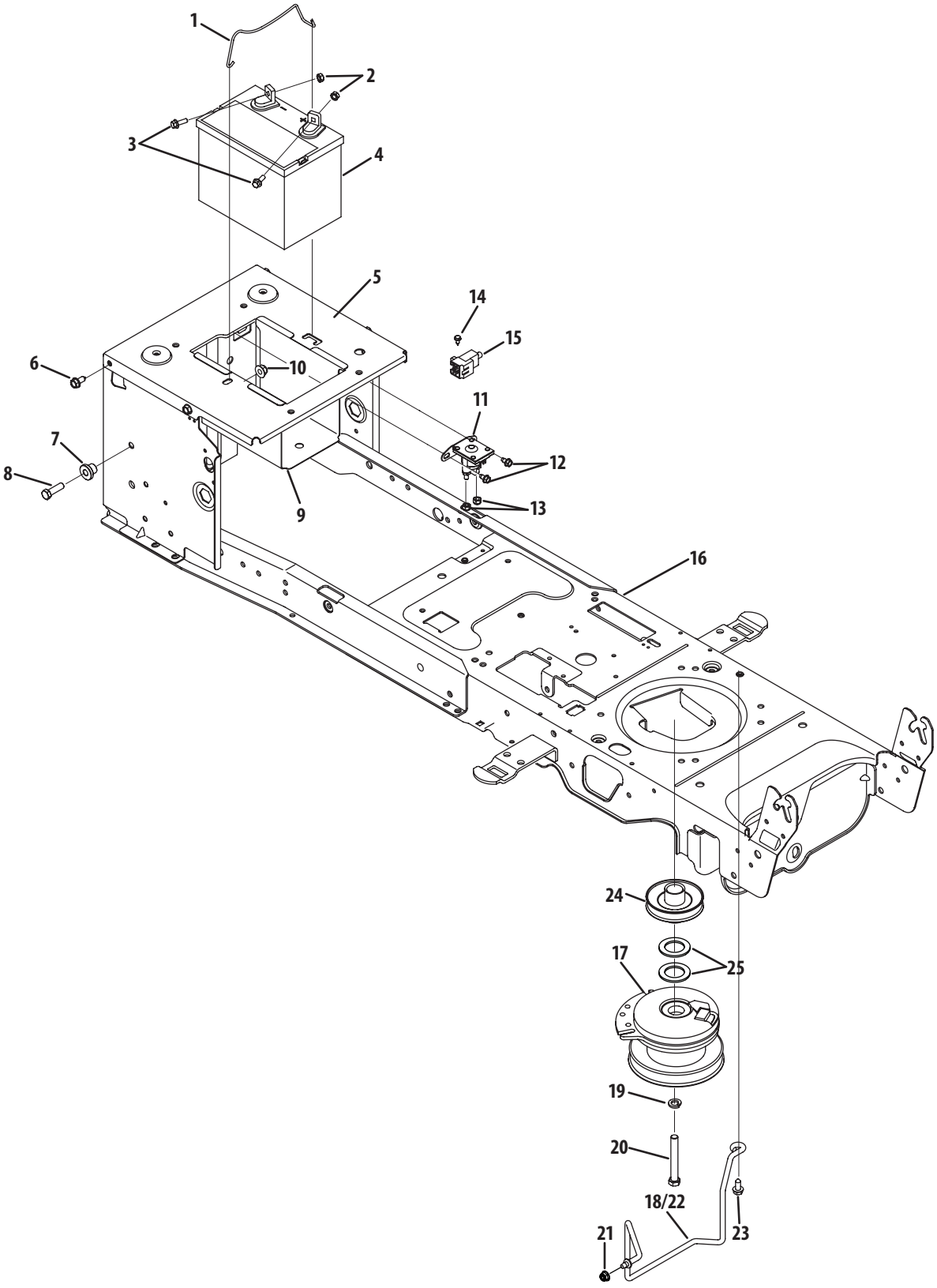
Drive System



Ref.	Part Number	Description
1	926-0154	Cable Tie, 7.5
2	725-0157	Cable Tie, 3⁄16 x .05 x 7.4
3	710-04823	Bolt, 5⁄16-18 x 2.75
4	725-04791	Jumper Harness
5	710-04484	Hex Washer Screw, 5⁄16-18 x .750
6	732-04606	Extension Spring, .500 x 12.6
7	912-0431	Flange Lock Nut, 3⁄8-16
8	912-0346	Jam Lock Nut, 1⁄2-20
9	736-04263	Lock Washer
10	731-06098	Hydro Fan
11	756-04308	Input Pulley
12	750-04456	Spacer, .260 x .372 x 1.420
13	712-04063	Flange Lock Nut, 5⁄16-18
14	783-06027	Idler Bracket
15	732-04624	Extension Spring, 1.00 x 4.75
16	914-0111	Cotter Pin, 3⁄32 x 1.00
17	936-0264	Flat Washer, .330 x .630 x .0635
18	747-04957A	Pedal Transmission Bypass Rod
19	736-04337	Shim Washer, 1.00 x .632 x .010
20	738-0372B	Shoulder Spacer, 1.00 x .38 x .38
21	912-0240	Jam Nut, 7⁄16-20
22	756-04325	Idler Pulley
23	710-1008	Hex Washer Screw, 3⁄8-16 x 1.875
24	710-1007	Hex Washer Screw, 3⁄8-16 x 1.500
25	756-04224	Idler Pulley
26	710-3011	Hex Screw, 3⁄8-16 x 2.25
27	954-04207	V-Belt
28	710-0351	Screw, #10-16 x .500
29	783-06260-0637	Belt Disengage Support Bracket
30	710-0227	Hex Washer Screw, #8-18 x .500
31	732-3118	Extension Spring, .375 x 1.44
32	783-1019B	Switch Actuator Bracket
33	926-0320	Nut Insulator Plate
34	725-1644	Spring Safety Switch
35	747-04979	Hydro Control Rod
36	12087	Wire Ring
37	731-05299	Sleeve, .765 x 1.500
38	710-0653	Hex Washer Screw, 1⁄4-20 x .375
39	736-3010	Flat Washer, .407 x .812 x .135

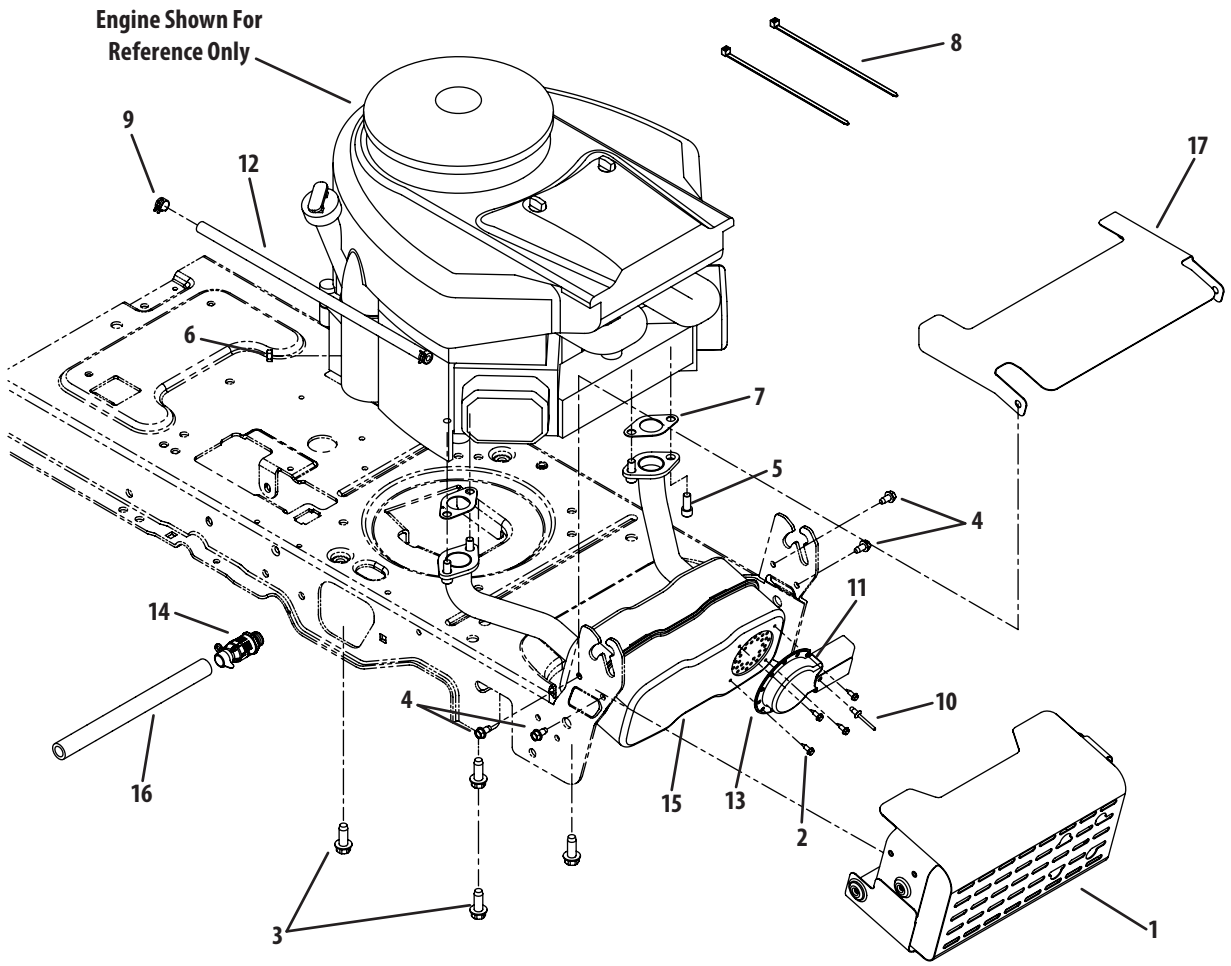
Ref.	Part Number	Description
40	918-0319	Hydro Transmission
41	747-04991	Hydro Bypass Rod
42	932-0209	Extension Spring, .48 x 2.03
43	747-04139	Hydro Brake Rod
44	936-3008	Flat Washer, .344 x .750 x .120
45	783-06133-0637	Hydro Mount Bracket
46	732-0716D	Extension Spring, .59 x 4.00
47	N/A	Wheel (LTX1046)
—	634-04369	Rim, 8.0 x 7.0
—	934-0255	Tubeless Air Valve
—	734-1730-0901	Tire, 20 x 8 x 8
—	N/A	Wheel (LTX1050)
—	634-04369	Rim, 8.0 x 7.0
—	734-0255	Tubeless Air Valve
—	734-1873-0901	Tire, 20 x 10 x 8
48	736-0242	Bell Washer, .340 x .872 x .060
49	710-0627	Cap Lock Screw, 5⁄16-24 x .750
50	731-2290A	Hub Cap
51	736-0430	Flat Washer, .350 x 1.59 x .062
52	726-0214	Push Cap
53	741-0495	Flange Bearing, .630 x .695 x .60
54	735-04135	Reverse Pedal Pad
55	735-04118A	Forward Pedal Pad
56	783-06059-0637	Forward/Reverse Hydro Pedal Bracket
57	711-05068	Clevis Pin, 5⁄16 x 3.985
58	783-05914	Transmission Rod Support Strap
59	683-04488	Hydro Drive Shaft Assembly
60	712-04065	Flange Lock Nut, 3⁄8-16
61	714-04040	Bow-Tie Cotter Pin
62	748-04203	Cruise Latch
63	938-0380	Shoulder Bolt, 3⁄8-16 x .500 x .270
64	710-0604A	Hex Washer Screw, 5⁄16-18 x .625
65	783-05940	Brake Shaft Support Strap
66	732-04587	Extension Spring, .63 x 4.95
67	647-04152	Brake Control Assembly
68	783-06103A	Brake Pedal Bracket
69	735-04136	Brake Pedal Pad
70	710-1325	Hex Washer Screw, 1⁄4-20 x 1.625

Frame, Battery & PTO



Ref.	Part Number	Description
1	747-04121A	Battery Hold-Down Rod
2	712-0271	Sems Nut, ¼-20
3	710-04666	Hex Flange, ¼-20 x .75
4	925-1707D	Battery
5	783-06089-0637	Seat Frame Bracket
6	710-04484	Hex Washer Screw, 5⁄16-18 x .750
7	738-04058	Shoulder Spacer, .38 x 1.0 x .70
8	710-3005	Hex Screw, ⅜-16 x 1.25
9	783-0349-0637	Battery Tray
10	712-04065	Flange Lock Nut, ⅜-16
11	725-04439	Solenoid
12	710-0653	Hex Washer Screw, ¼-20 x .375
13	712-04064	Flange Lock Nut, ¼-20
14	738-04237A	Shoulder Screw, #10-32 x .500
15	725-04363	Interlock Switch
16	683-04469-0637	Lower Frame Assembly
17	917-04552	Electric PTO Clutch (LTX1046)
—	917-04174A	Electric PTO Clutch (LTX1050)
18	747-05073	Torque Rod (LTX1050)
19	936-0171	Lock Washer, 7⁄16
20	710-04379A	Hex Screw, 7⁄16-20 x 3.50
21	712-04063	Flange Lock Nut, 5⁄16-18
22	747-05065	Keeper Rod (LTX1046)
23	710-04484	Hex Washer Screw, 5⁄16-18 x .750
24	756-0978B	Engine Pulley
25	736-0277	Flat Washer, 1.031 x 1.620 x .095

Engine Accessories

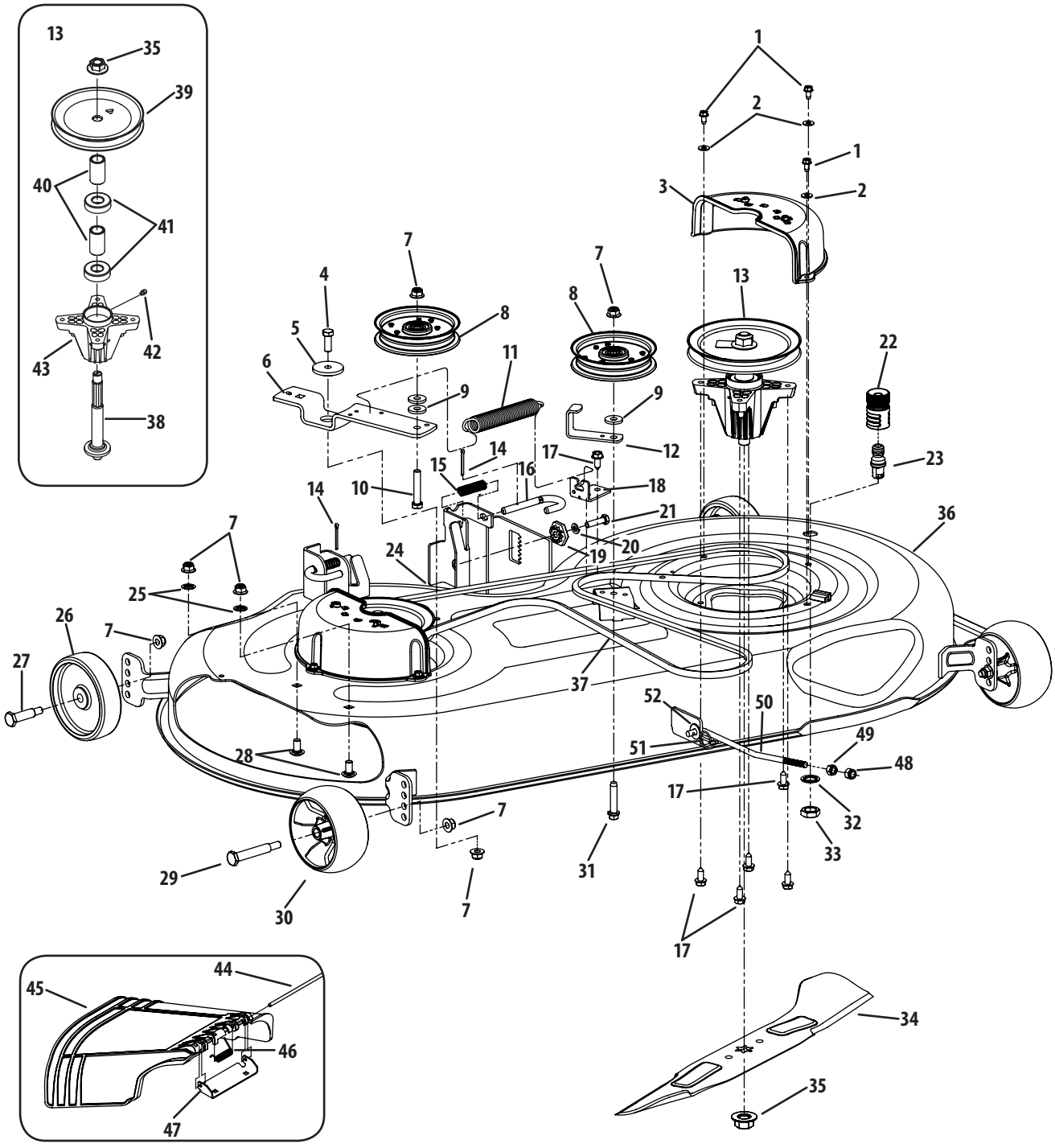


Ref.	Part Number	Description
1	683-04549-0637	Muffler Shield Assembly
2	710-0227	Hex Washer Screw, #8-18 x .500
3	710-04683	Hex Washer Screw, ⅜-16 x 1.000
4	710-0599	Hex Washer Screw, ¼-20 x .500
5	710-1314A	Screw, 5⁄16-18 x .750
6	712-0271	Sems Nut, ¼-20
7	721-0460	Exhaust Gasket
8	725-0157	Cable Tie, 3⁄16 x .05 x 7.4
9	726-0205	Hose Clamp

Ref.	Part Number	Description
10	728-04000	Rivet, .188 x .300
11	751-0564B	Muffler Deflector
12	751-10349-28	Fuel Hose
13	751-10353	Long Muffler Deflector
14	951-10517A	Oil Drain
15	751-10542	Muffler
16	751-3141-14	Oil Drain Extension Hose
17	783-06378	Heat Shield
NS	946-04542	Throttle/Choke Control Cable

Notes

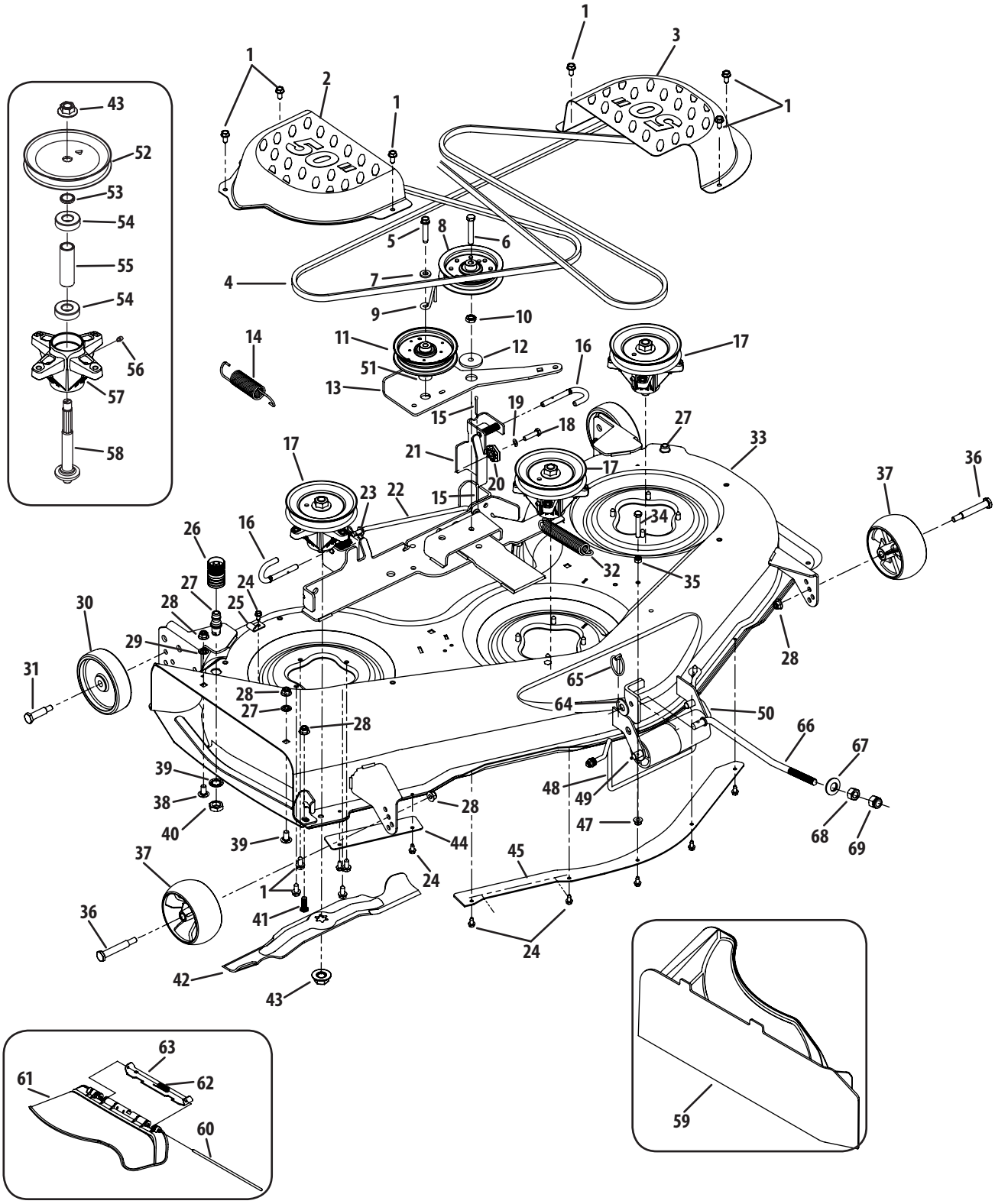
46" Mowing Deck



Ref.	Part Number	Description
1	710-0599	Hex Washer Screw, ¼-20 x .500
2	936-0463	Flat Washer, .25 x .630 x .0515
3	731-06496	Belt Cover
4	710-0514	Hex Screw, ⅜-16 x 1.00
5	738-04162A	Shoulder Spacer, .8840 x .190
6	783-05946	Idler Bracket
7	712-04065	Flange Lock Nut, ⅜-16
8	756-04129B	Idler Pulley
9	736-0258	Flat Washer, .385 x 1.0 x .135
10	710-3144	Hex Screw, ⅜-16 x 2.00
11	732-0459C	Extension Spring
12	783-06368-0637	Belt Guard Bracket
13	918-04636	Spindle Assembly
14	914-0470	Cotter Pin, ⅛ x 1.25
15	932-0306A	Compression Spring, .531 x 1.75
16	747-1116	Deck Handle Rod
17	710-04484	Hex Washer Screw, 5⁄16-18 x .750
18	783-06243-0637	Deck Engage Bracket
19	917-04074	Deck Adjustment Gear
20	936-0119	Lock Washer, 5⁄16
21	710-0528	Hex Screw, 5⁄16-18 x 1.25
22	921-04041	Water Nozzle Adapter
23	737-04003D	Deck Water Nozzle
24	683-0254B-4021	Deck Hanger Bracket Assembly
25	712-0229	Push Nut, ⅜
26	734-0973	Deck Wheel

Ref.	Part Number	Description
27	938-0373	Shoulder Bolt, ⅜-16 x .496 x 1.525
28	710-3178	Carriage Bolt, ⅜-16 x .75
29	938-3056	Shoulder Bolt, ⅜-16 x .496 x 2.50
30	734-04155	Deck Wheel
31	710-1008	Hex Washer Screw, ⅜-16 x 1.875
32	736-0225	Lock Washer, ⅝
33	912-0641	Hex Nut, M16-1.5
34	942-04244	2-in-1 Blade
35	712-0417A	Flange Nut, ⅝-18
36	683-04468-4021	Deck Assembly
37	954-04219	V-Belt
38	738-1186A	Spindle Shaft
39	756-04356	Deck Pulley
40	750-04936	Spacer, .792 x 1.060 x 1.860
41	941-0919	Ball Bearing, .787 x 1.85 x .551
42	937-3000	Lube Fitting
43	619-04199	Spindle Housing
44	711-04847A	Hinge Pan, .3125 x 7.96
45	731-06708	Chute Assembly (Inc. 44-47)
46	732-04372	Torsion Spring, .44 x 2.0
47	783-06074	Chute Bracket
48	712-3083	Hex Lock Nut, ½-13
49	912-0206	Hex Nut, ½-13
50	747-04944A	Deck Lift Rod
51	753-04070	Lynch Pin, .1875
52	936-0179	Flat Washer, ½ x 1.25 x .10

50" Mowing Deck

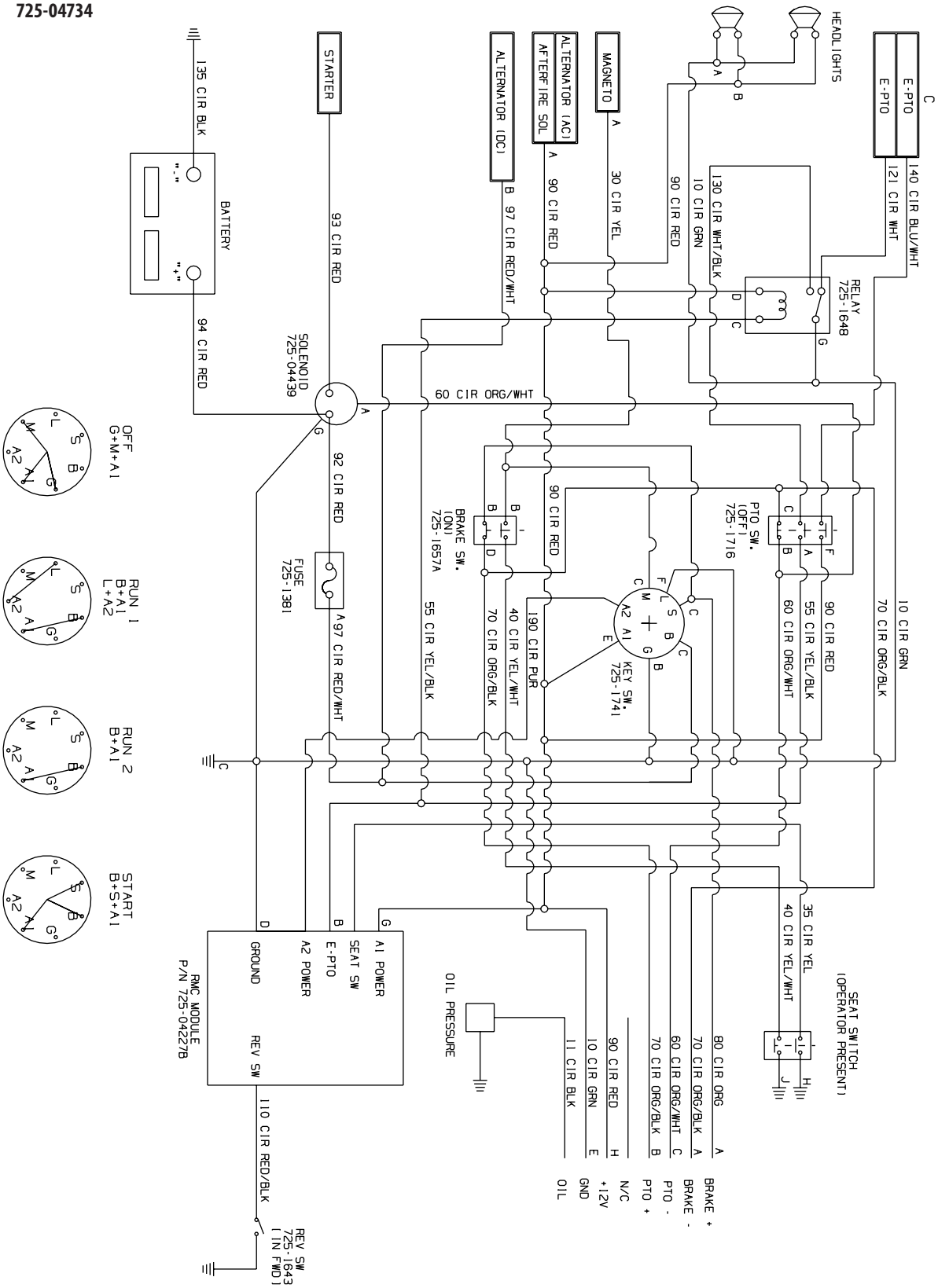


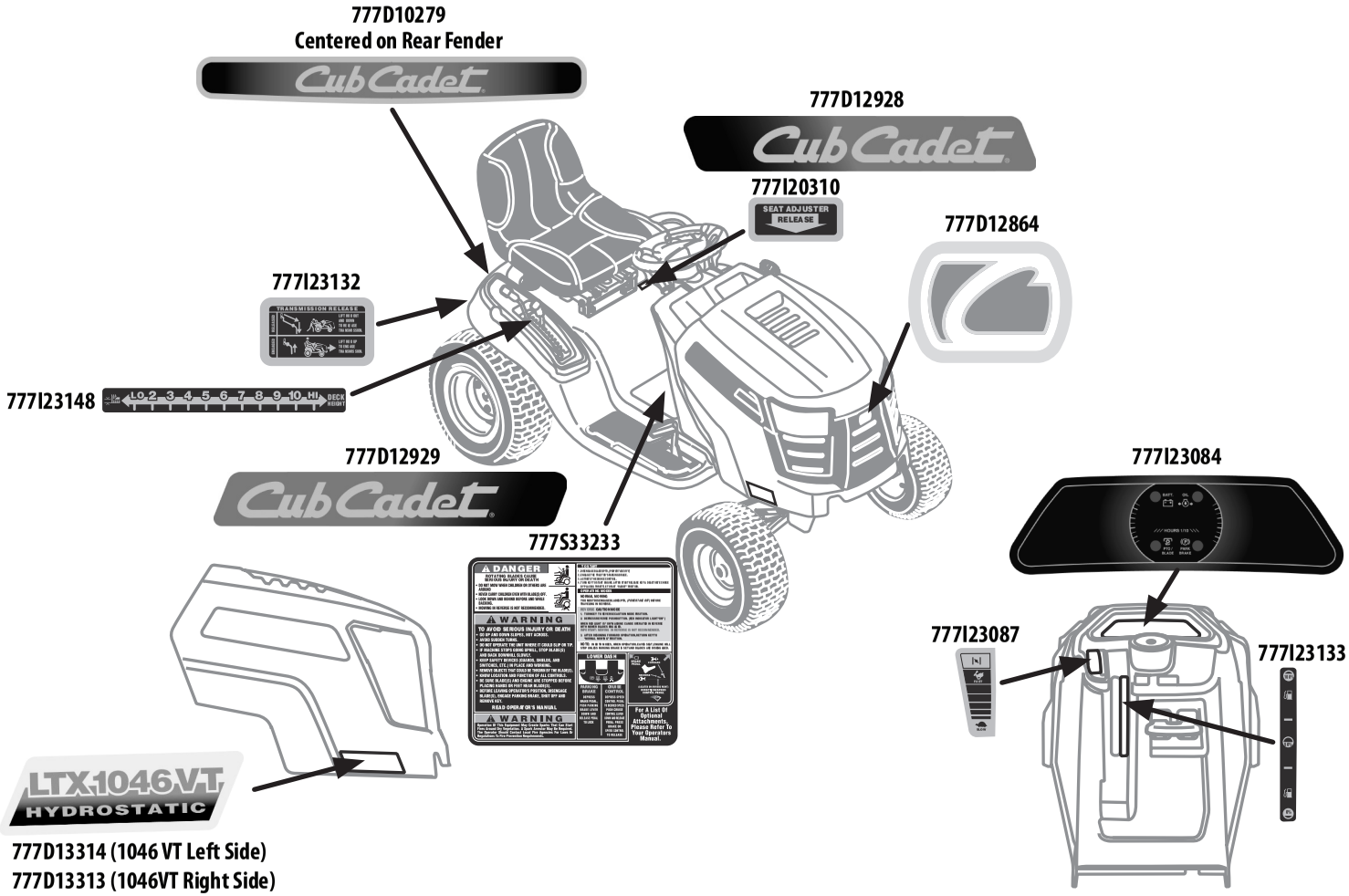
Ref.	Part Number	Description
1	710-04484	Hex Washer Screw, 5/16-18 x .750
2	783-04400-4021	Belt Cover, RH
3	783-04399-4021	Belt Cover, LH
4	954-04240	V-Belt
5	710-1008	Hex Washer Screw, 3/8-16 x 1.875
6	710-3011	Hex Screw, 3/8-16 x 2.25
7	736-3010	Flat Washer, .407 x .812 x .135
8	756-04400	Idler Pulley
9	747-04530	Belt Keeper Rod
10	912-0240	Jam Nut, 7/16-20
11	756-04129B	Idler Pulley
12	738-04162A	Shoulder Spacer, .8840 x .190
13	783-0636-0637	Idler Arm Bracket
14	732-0934	Extension Spring, 1.15 x 5.99
15	914-0470	Cotter Pin, 1/8 x 1.25
16	747-1116	Deck Handle Rod
17	918-04825	Spindle Assembly
18	710-0528	Hex Screw, 5/16-18 x 1.25
19	936-0119	Lock Washer, 5/16
20	917-04074-4021	Deck Adjustment Gear
21	683-0254B	Deck Hanger Bracket Assembly
22	711-05078	Deck Support Rod
23	936-0314	Washer, .375 x .70 x .030
24	710-0599	Hex Washer Screw, 1/4-20 x .500
25	96606	Hook Retainer Bracket
26	921-04041	Water Nozzle Adapter
27	737-04003D	Deck Water Nozzle
28	712-04065	Flange Lock Nut, 3/8-16
29	712-0229	Push Nut, 3/8
30	734-0973	Deck Wheel
31	938-0373	Shoulder Bolt, 3/8-16 x .496 x 1.525
32	932-0306A	Compression Spring, .531 x 1.75
33	683-04561-4021	Deck Assembly
34	710-3103	Hex Screw, 5/16-18 x 2.00
35	912-3010	Hex Nut, 5/16-18

Ref.	Part Number	Description
36	938-3056	Shoulder Bolt, 3/8-16 x .496 x 2.50
37	734-04155	Deck Wheel
38	710-3178	Carriage Bolt, 3/8-16 x .75
39	736-0225	Lock Washer, 5/8
40	912-0641	Hex Nut, M16-1.5
41	710-04095	Hex Screw, 3/8-16 x 1.00
42	942-04053C	2-in-1 Blade
43	712-0417A	Flange Nut, 5/8-18
44	783-04415-4021	RH Skirt
45	783-04414A-4021	Center Skirt
46	714-04043	Bow-Tie Cotter Pin
47	712-04063	Flange Lock Nut, 5/16-18
48	747-05073	Torque Rod
49	914-0111	Cotter Pin, 3/32 x 1.00
50	911-3314	Roller Pin
51	750-3119	Spacer, .406 x 1.00 x .38
52	756-04216	Deck Pulley
53	748-0434	Spacer, .750 x 1.150 x .230
54	941-0919	Ball Bearing, .787 x 1.85
55	750-1096	Spacer, .800 x 1.100 x 1.5300
56	937-3000	Lube Fitting
57	618-0411	Spindle Housing
58	738-0976	Spindle Shaft
59	731-04651	Mulch Kit
60	711-04565	Hinge Pin, .3175 x 14.06
61	631-04070A	Chute Assembly (Inc. 60-63)
62	732-04372	Torsion Spring, .44 x 2.0
63	783-05030	Chute Bracket
64	936-0179	Flat Washer, 1/2 x 1.25 x .10
65	753-04070	Lynch Pin, .1875
66	747-05067A	Deck Lift Rod
67	736-0317	Bell Washer, .63 x 1.25 x .18
68	912-0206	Hex Nut, 1/2-13
69	712-3083	Hex Lock Nut, 1/2-13

Wiring Schematic

725-04734





LTX1046VT HYDROSTATIC

777D13314 (1046 VT Left Side)
777D13313 (1046VT Right Side)

LTX1050VT HYDROSTATIC

777D13317 (1050VT Left Side)
777D13318 (1050VT Right Side)

Labels

Deck Labels

777S30018

1046VT

777I23092

1046VT

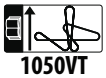
777S33132

1046VT

777S33183

1050VT

777I23150



1050VT

777D11622

1050VT

777S30503

777D10624

Under Hood

777X43745 (1046VT)

777X43748 (1050VT)

777X43688

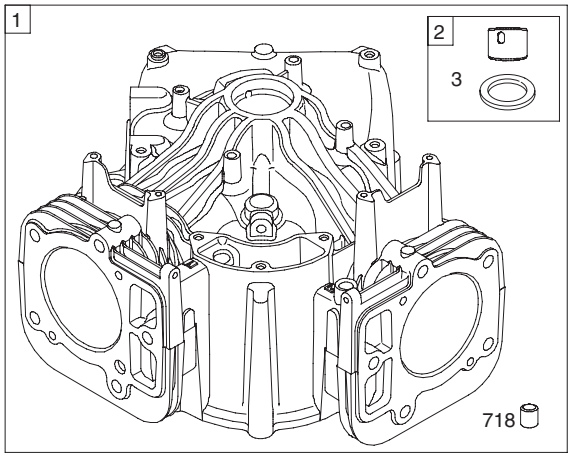
777I22679

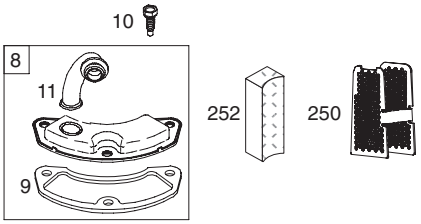
48 SHORT BLOCK

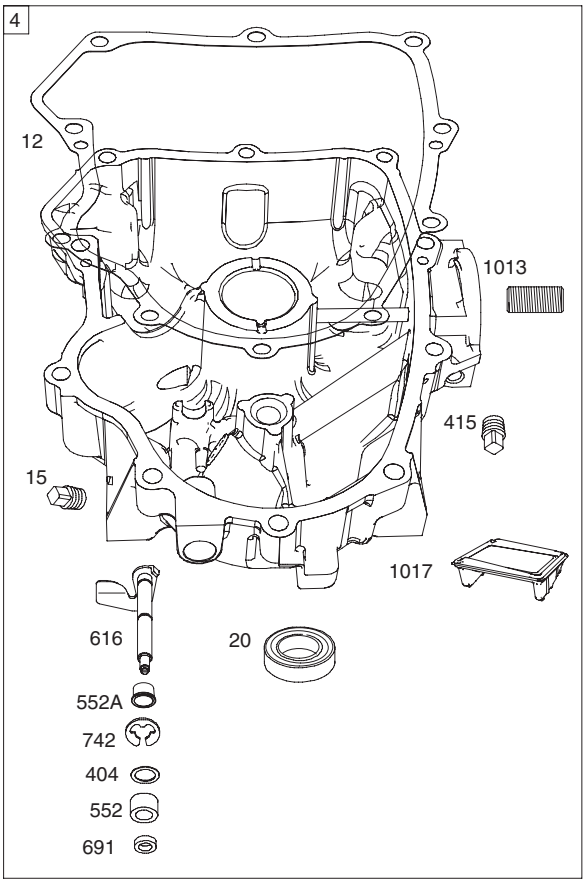
1058 OPERATOR'S MANUAL

1329 REPLACEMENT ENGINE

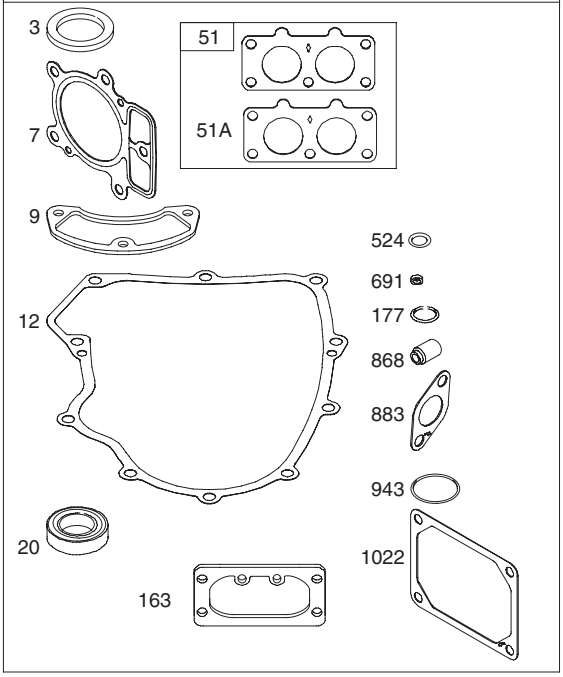
1330 REPAIR MANUAL

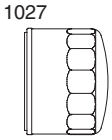


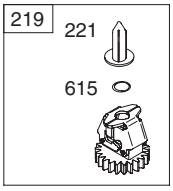


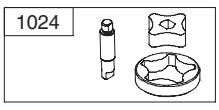


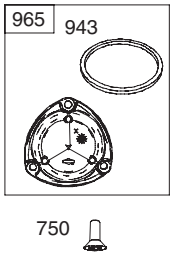
358 ENGINE GASKET SET











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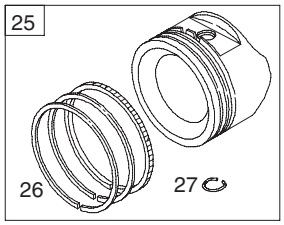

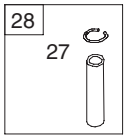

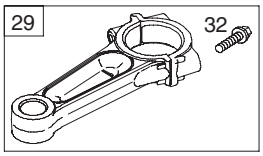

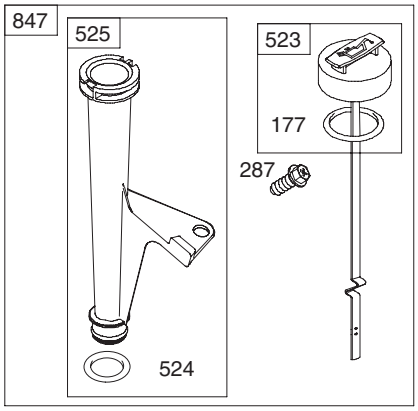

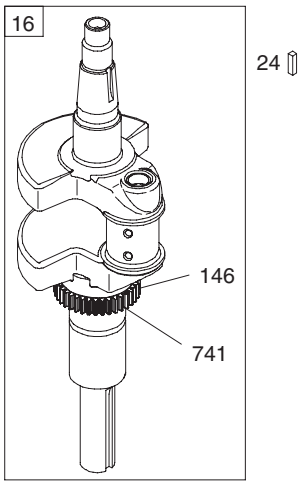

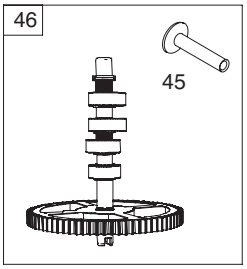

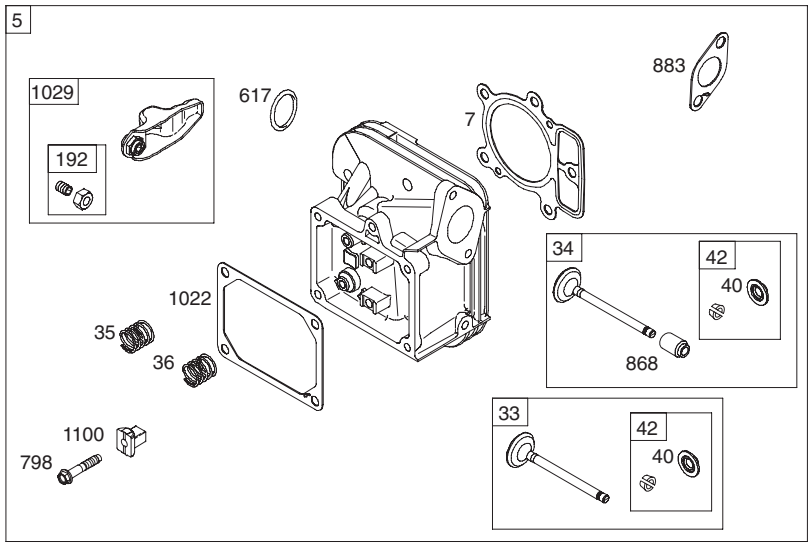
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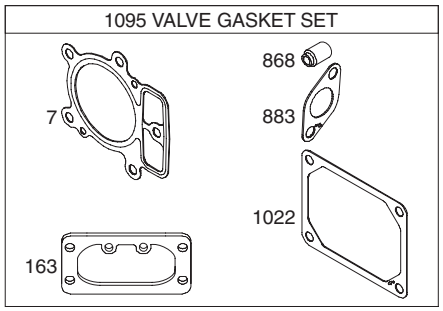
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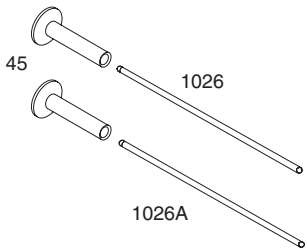
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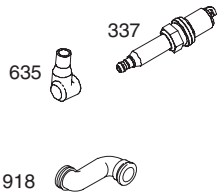
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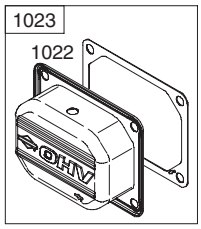
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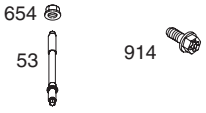
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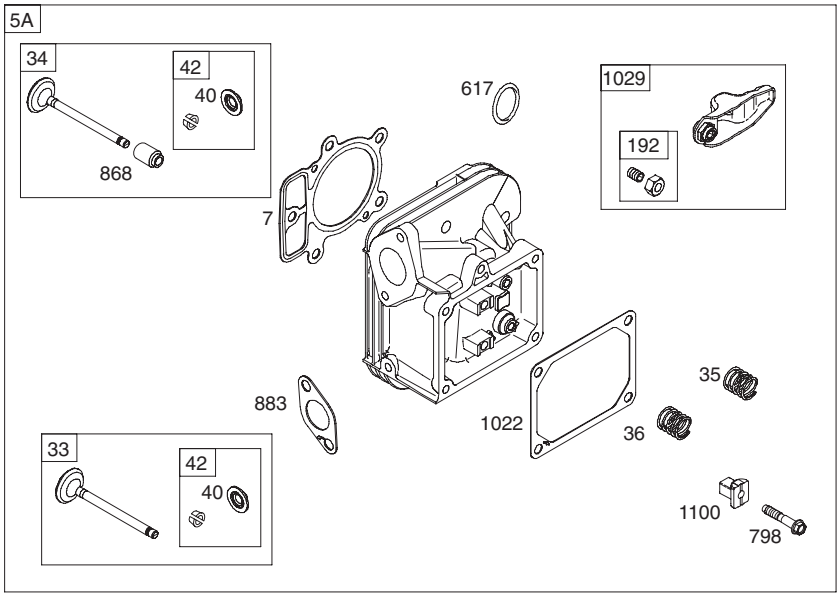
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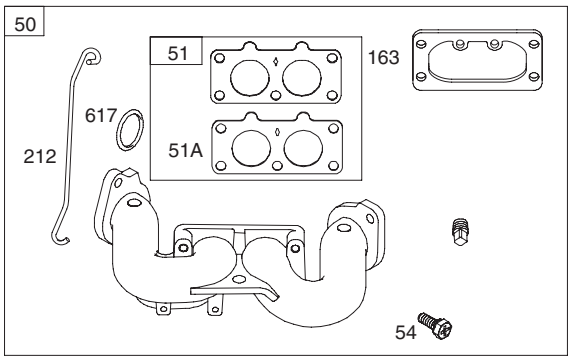
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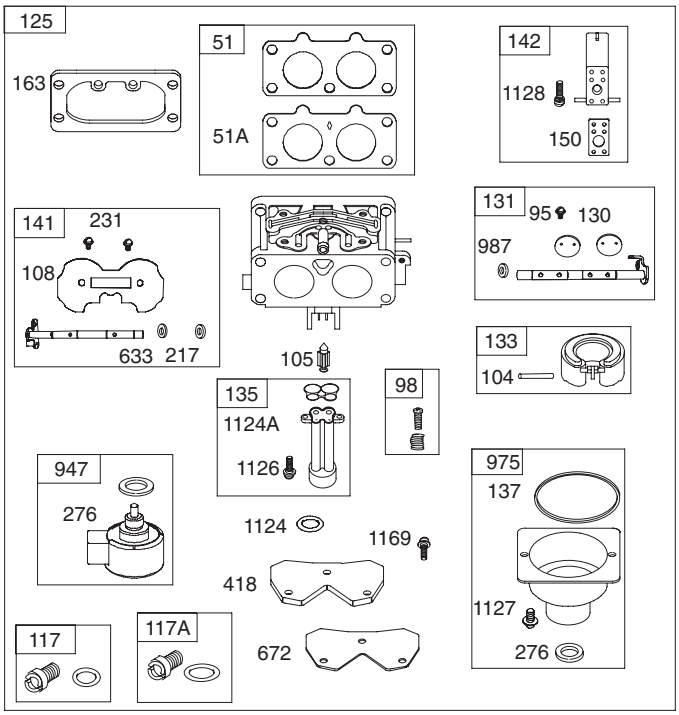
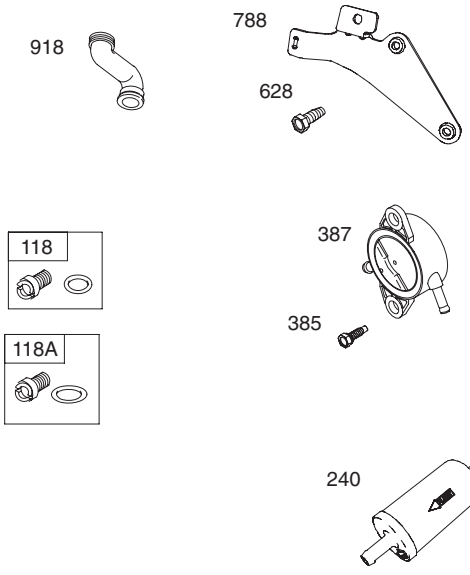
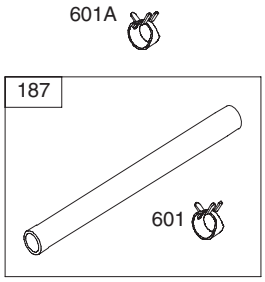
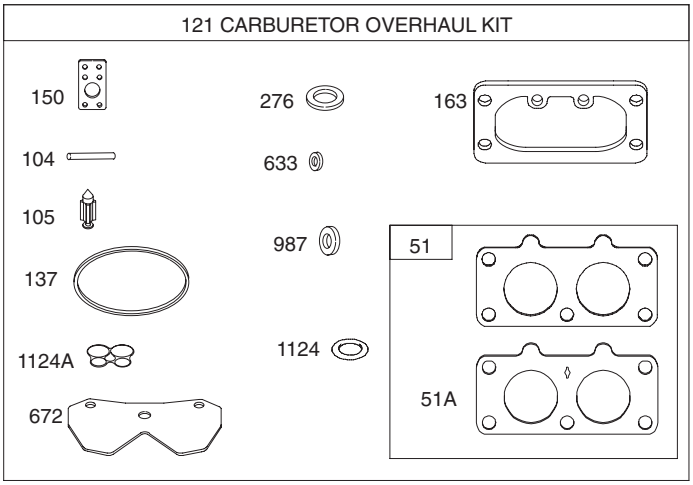
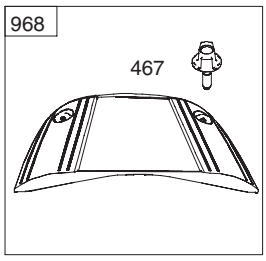


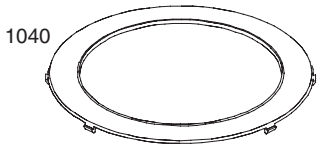


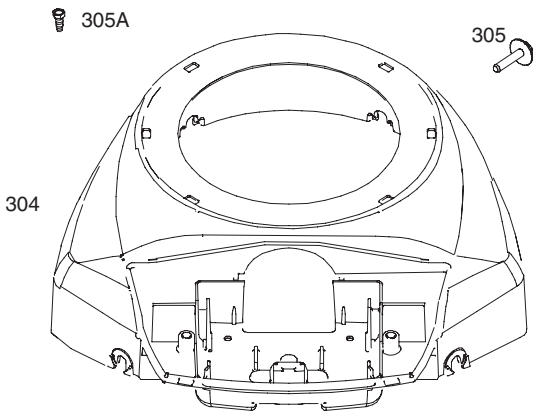


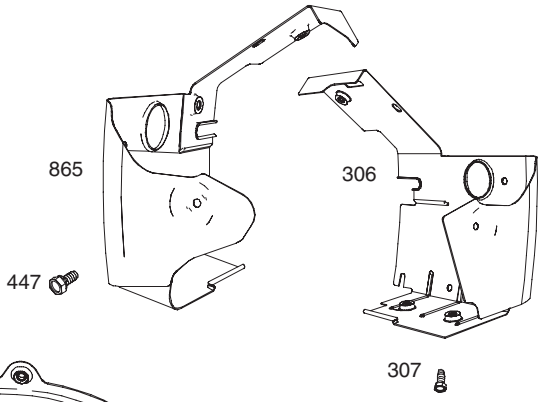


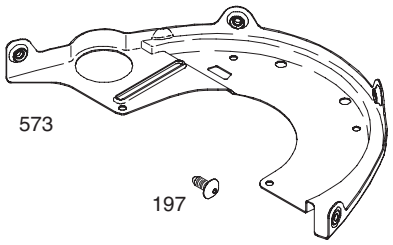
1036 EMISSIONS LABEL

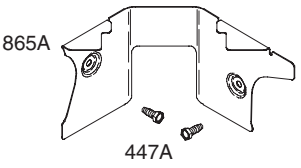


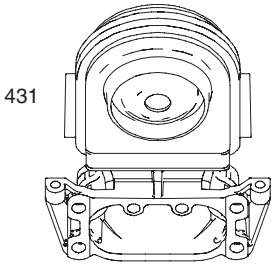


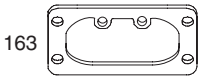


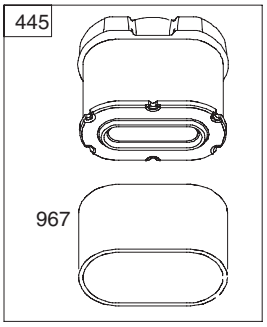












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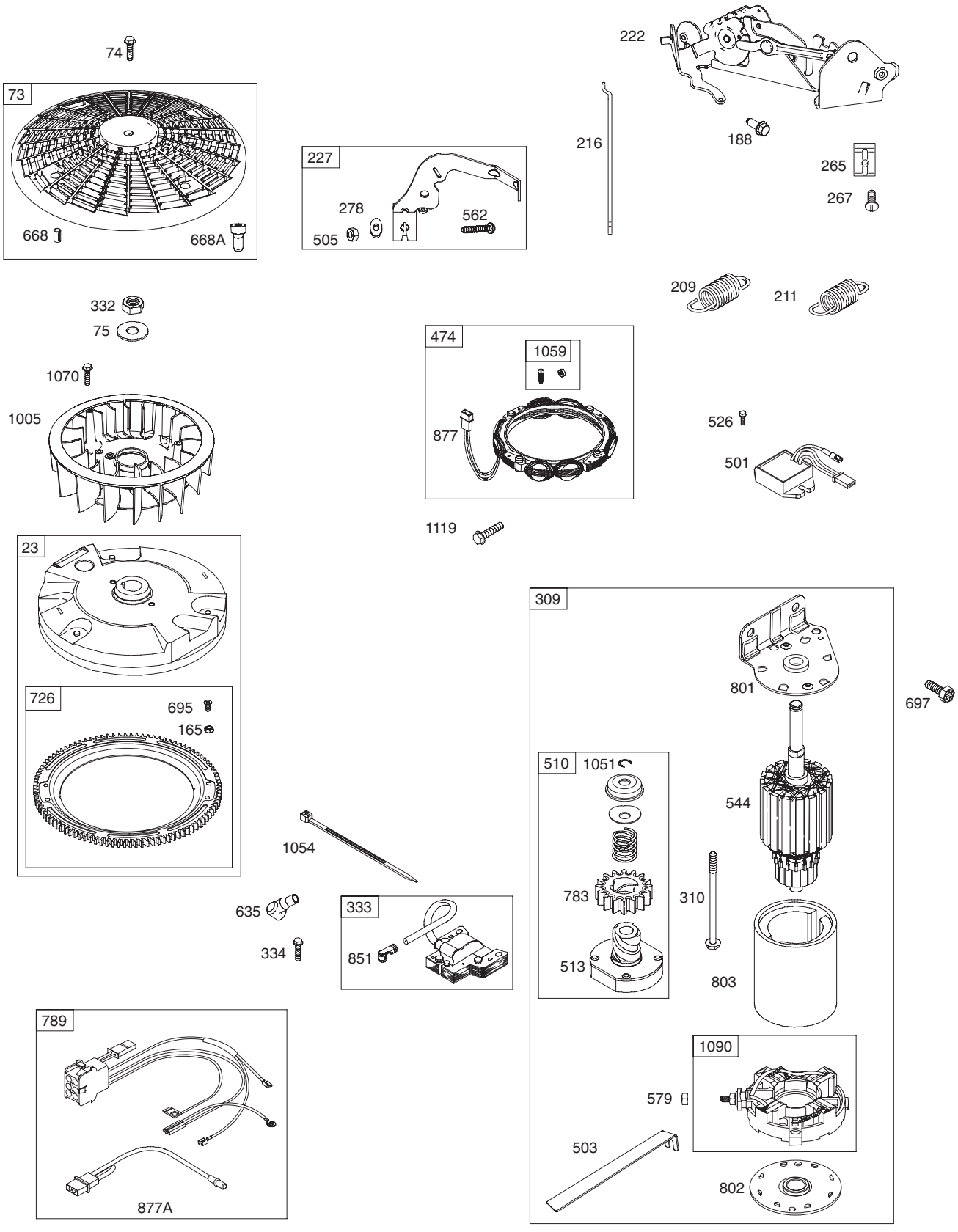

Ref.	Part #	Description
1	BS-793564	Cylinder Assembly
2	BS-499585	Kit-Bushing/Seal (Magneto Side)
3	BS-391086s	Oil Seal (Magneto Side) *
4	BS-796230	EngineSump
5	BS-796231	Cylinder Head (Cylinder #1)
5A	BS-796232	Cylinder Head (Cylinder #2)
7	BS-693997	Cylinder Head Gasket *+
8	BS-792185	Breather Assembly
9	BS-690937	Breather Gasket *
10	BS-697551	Screw (Breather Assembly)
11	BS-792184	Breather Tube
12	BS-697227	Crankcase Gasket *
13	BS-793988	Screw (Cylinder Head)
15	BS-690946	Oil Drain Plug
16	BS-796540	Crankshaft
20	BS-795387	Oil Seal (PTO Side) *
22	BS-694966	Screw (Crankcase Cover/Sump)
23	BS-691053	Flywheel
24	BS-222698s	Flywheel Key
25	BS-792023	Piston Assembly (Standard)
25	BS-792072	Piston Assembly (.020" Oversize)
26	BS-793561	Ring Set (Standard)
26	BS-792073	Ring Set (.020" Oversize)
27	BS-690975	Piston Pin Lock
28	BS-696581	Piston Pin
29	BS-699699	Connecting Rod
32	BS-690976	Screw (Connecting Rod)
33	BS-697576	Exhaust Valve
34	BS-792200	Intake Valve
35	BS-694865	Valve Spring (Intake)
36	BS-694865	Valve Spring (Exhaust)
40	BS-690964	Valve Retainer
42	BS-499586	Valve Keeper
45	BS-690977	Valve Tappet
46	BS-790562	Cam Gear
48	BS-698172	Short Block
50	BS-695241	Intake Manifold

Ref.	Part #	Description
51	BS-795123	Intake Gasket *
51A	BS-690950	Intake Gasket
53	BS-690951	Stud (Carburetor)
54	BS-699816	Screw (Intake Manifold)
73	BS-494439	Rotating Screen
74	BS-698425	Screw (Rotating Screen)
75	BS-691056	Washer (Flywheel)
95	BS-690718	Screw (Throttle Valve)
98	BS-699721	Idle Speed Kit
104	BS-694918	Float Hinge Pin #
105	BS-698537	Float Needle Valve
108	BS-699723	Choke Valve
117	BS-792296	Main Jet (Standard) (Left Jet)
117A	BS-842627	Main Jet (Standard) (Right Jet)
118	BS-699457	Main Jet (High Altitude) (Left Jet)
118A	BS-699733	Main Jet (High Altitude) (Right Jet)
121	BS-792455	Carburetor Overhaul Kit
125	BS-796227	Carburetor
130	BS-690993	Throttle Valve
131	BS-499805	Throttle Shaft Kit
133	BS-699724	Carburetor Float
135	BS-699729	Fuel Transfer Tube
137	BS-690994	Float Bowl Gasket #
141	BS-796228	Choke Shaft Kit
142	BS-699726	Carburetor Nozzle
146	BS-690979	Timing Key
150	BS-690995	Nozzle Gasket
163	BS-691001	Air Cleaner Gasket *#
165	BS-693148	Nut (Ring Gear)
177	BS-691031	O-Ring Seal (Dipstick)
187	BS-791766	Fuel Line (Cut to Required Length)
188	BS-697551	Screw (Control Bracket)
192	BS-690083	Rocker Arm Adjuster
197	BS-697820	Screw (Back Plate)
209	BS-796224	Governor Spring (Yellow/Black)
211	BS-796225	Governed Idle Spring (Orange)
212	BS-695238	Throttle Link

* — Included in Engine Gasket Set, Key. No. 358
+ — Included in Valve Gasket Set, Key No. 1095
# — Included in Carburetor Overhaul Kit, Key No. 121

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Ref.	Part #	Description
216	BS-796229	Choke Link
217	BS-695409	Choke Return Spring
219	BS-793338	Governor Gear
220	BS-690412	Washer (Governor Gear)
221	BS-841026	Governor Cup
222	BS-796226	Control Bracket
227	BS-796223	Governor Control Lever
231	BS-690718	Screw (Choke Valve)
239	BS-792028	Oil Pressure Switch
240	BS-695666	Fuel Filter
250	BS-690957	Breather Retainer
252	BS-794389	Oil Collector
265	BS-691024	Casing Clamp
267	BS-695134	Screw (Casing Clamp)
276	BS-695410	Sealing Washer (Fuel Solenoid) #
278	BS-792651	Washer (Governor Control Lever)
287	BS-697551	Screw (Dipstick Tube)
304	BS-796678	Blower Housing
305	BS-691005	Screw (Blower Housing)
305A	BS-790690	Screw (Blower Housing to Intake Elbow)
306	BS-796541	Cylinder Shield (Cylinder #2)
307	BS-697551	Screw (Cylinder Shield) (¼-20 x ⅔)
309	BS-497595	Starter Motor
310	BS-690323	Screw (Starter Motor)
332	BS-691059	Nut (Flywheel)
333	BS-691060	Magneto Armature
334	BS-691061	Screw (Magneto Armature)
337	BS-491055s	Spark Plug
358	BS-694012	Engine Gasket Set
385	BS-697551	Screw (Fuel Pump)
387	BS-808656	Fuel Pump
404	BS-690442	Washer (Governor Crank)
415	BS-794903	Plug (Oil Pressure Switch)
418	BS-795912	Carburetor Plate
431	BS-792297	Intake Elbow
445	BS-792105	Air Cleaner Cartridge Filter

Ref.	Part #	Description
447	BS-691003	Screw (Air Guide Cover) 10-24 x 7/16)
447A	BS-697551	Screw (Air Guide Cover)
467	BS-790697	Air Cleaner Knob
474	BS-696457	Alternator
501	BS-691188	Regulator
503	BS-691532	Starter Strap
505	BS-691029	Nut (Governor Control Lever)
510	BS-696541	Starter Drive
513	BS-692024	Drive Clutch
523	BS-691036	Dipstick
524	BS-691032	Dipstick Tube Seal *
525	BS-691037	Dipstick Tube
526	BS-691129	Screw (Regulator)
544	N/A	Starter Armature (Service with Starter Motor BS-497595, Reference 309)
552	BS-690552	Governor Crank Bushing
552A	BS-690553	Governor Crank Bushing
562	BS-690311	Screw (Governor Control Lever)
573	BS-790444	Back Plate
579	BS-691029	Nut (Starter Cable)
601	BS-691038	Hose Clamp (Black)
601A	BS-791850	Hose Clamp (Green)
615	BS-698290	Governor Shaft Retainer
616	BS-691045	Governor Crank
617	BS-697891	O-Ring Seal (Intake Manifold) (Red)
628	BS-697551	Screw (Fuel Pump Bracket)
633	BS-699813	Choke Seal/Throttle Shaft #
635	BS-66538s	Spark Plug Boot
654	BS-690958	Nut (Carburetor)
668	BS-691215	Spacer (Rotating Screen) *
668A	BS-691500	Spacer (Rotating Screen)
672	BS-690234	Carburetor Plate Gasket
691	BS-790574	Governor Shaft Seal *
695	BS-693149	Screw (Ring Gear)
697	BS-690372	Screw (Drive Cap)
703	BS-691010	Clip

* — Included in Engine Gasket Set, Key. No. 358
+ — Included in Valve Gasket Set, Key No. 1095
# — Included in Carburetor Overhaul Kit, Key No. 121

Ref.	Part #	Description
718	BS-690959	Locating Pin
726	BS-499612	Ring Gear
729	BS-694123	Wire Clip
741	BS-690980	Timing Gear
742	BS-690328	E-Ring Retainer (Governor Crank)
750	BS-696999	Screw (Oil Pump Cover)
783	BS-695708	Pinion Gear
788	BS-793145	Fuel Pump Bracket
789	BS-698330	Wiring Harness
798	BS-697890	Screw (Rocker Arm)
801	BS-691283	Drive Cap
802	BS-691286	End Cap
803	N/A	Starter Housing (Service with Starter Motor BS-497595, Reference 309)
847	BS-499602	Dipstick/Tube Assembly
851	BS-493880	Spark Plug Terminal
865	BS-691012	Air Guide Cover (Cylinder #1)
865A	BS-792286	Air Guide Cover (Valley)
868	BS-690968	Valve Seat
877	BS-399916	Alternator Wire/Connector
877A	BS-790544	Alternator Wire/Connector
883	BS-690970	Exhaust Gasket
914	BS-691127	Screw (Rocker Cover)
918	BS-793147	Vacuum Hose
943	BS-796222	O-Ring Seal (Oil Pump Cover)
947	BS-841546	Fuel Solenoid
965	BS-796221	Oil Pump Cover
967	BS-792303	Pre-Cleaner Filter
968	BS-795120	Air Cleaner Cover
975	BS-793592	Float Bowl
987	BS-691000	Throttle Shaft Seal
1005	BS-791236	Flywheel Fan
1013	BS-690954	Oil Filter Nipple

Ref.	Part #	Description
1017	BS-796214	Oil Pump Screen
1022	BS-690971	Rocker Cover Gasket
1023	BS-793146	Rocker Cover (Cylinder #1)
1023A	BS-499600	Rocker Cover (Cylinder #2)
1024	BS-796220	Oil Pump
1026	BS-690981	Push Rod (Exhaust)
1026A	BS-690982	Push Rod (Intake)
1027	BS-795890	Oil Filter
1029	BS-690972	Rocker Arm
1036	N/A	Emissions Label (Available from a Briggs & Stratton Authorized Dealer)
1040	BS-791237	Trim Plate
1051	BS-691265	Retaining Ring (Starter Drive)
1054	BS-280275	Cable Tie
1058	BS-277103	Operator's Manual
1059	BS-698516	Screw/Washer Kit (Alternator)
1070	BS-791680	Screw (Flywheel Fan)
1090	BS-691293	Brush Retainer
1095	BS-694013	Valve Gasket Set
1100	BS-791959	Rocker Arm Pivot
1119	BS-691183	Screw (Alternator)
1124	BS-841653	O-Ring Seal (Fuel Transfer Tube)
1124A	BS-690988	O-Ring Seal (Fuel Transfer Tube)
1126	BS-690991	Screw (Fuel Transfer Tube)
1127	BS-695407	Screw (Fuel Bowl)
1128	BS-690990	Screw (Carburetor Nozzle)
1169	BS-690990	Screw (Carburetor Plate)
1329	BS-44L777-0037-G1	Replacement Engine (Replacement engine listed is not available Replacement Engine (Replacement engine listed is not available in the State of California. Repair with individual parts).

* — Included in Engine Gasket Set, Key. No. 358
+ — Included in Valve Gasket Set, Key No. 1095
# — Included in Carburetor Overhaul Kit, Key No. 121

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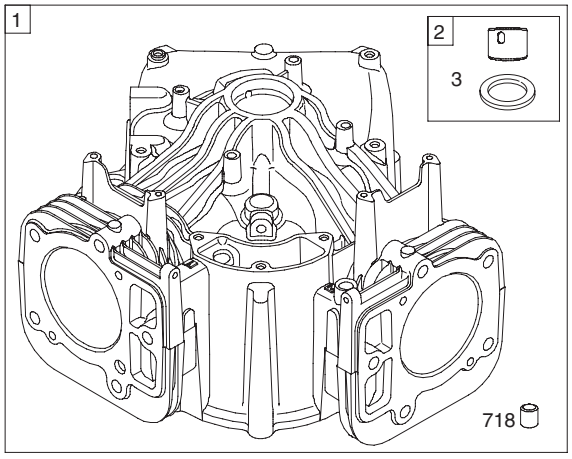
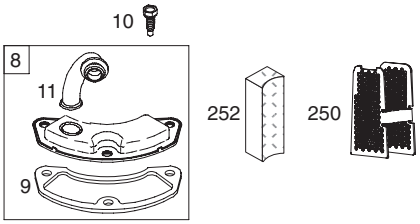
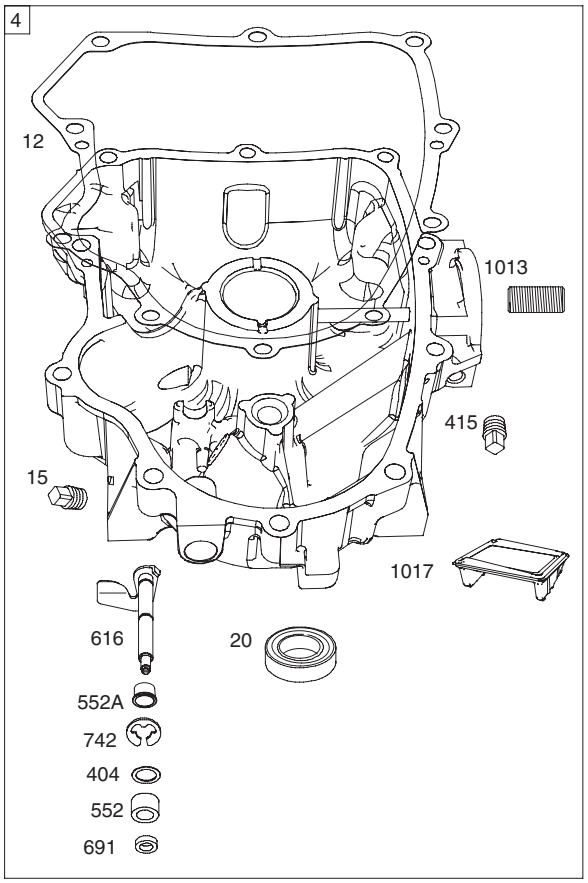




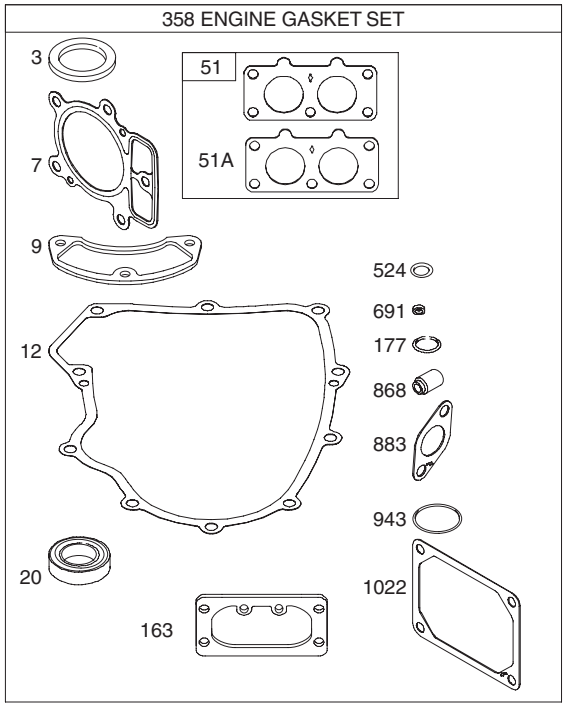


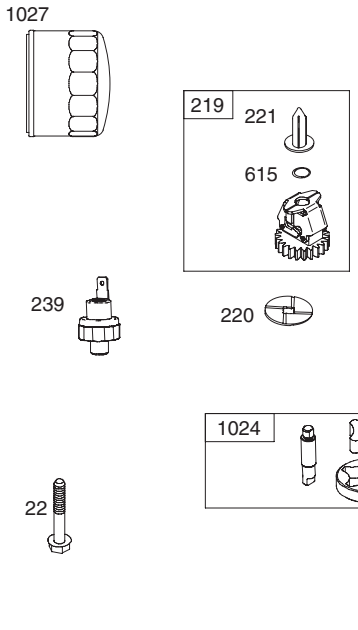
48 SHORT BLOCK

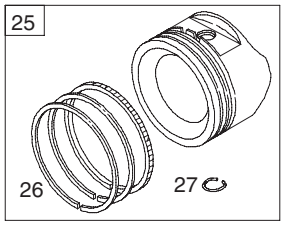
1058 OPERATOR'S MANUAL

1329 REPLACEMENT ENGINE

1330 REPAIR MANUAL



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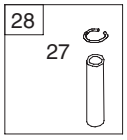
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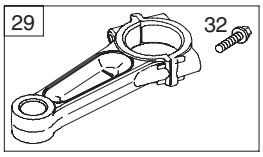
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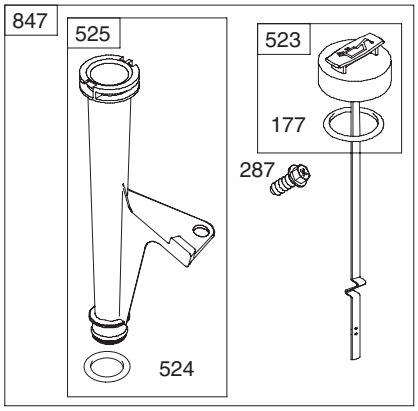
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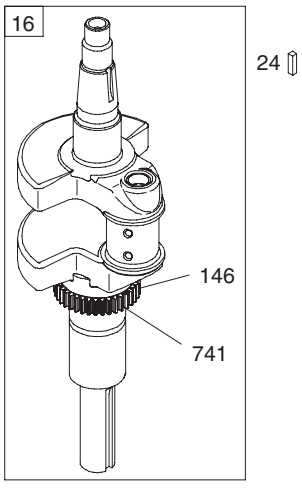
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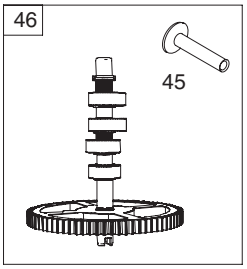
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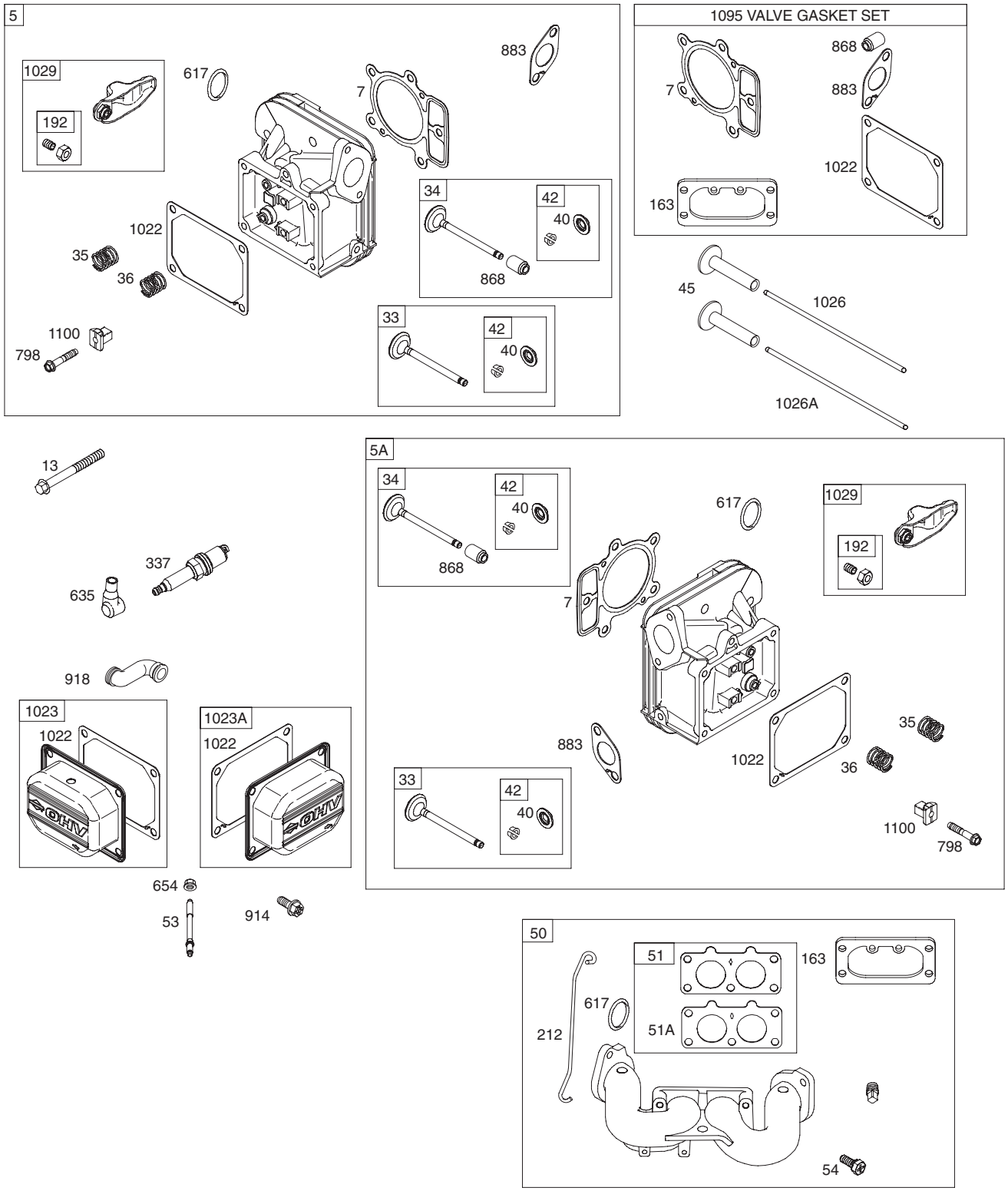
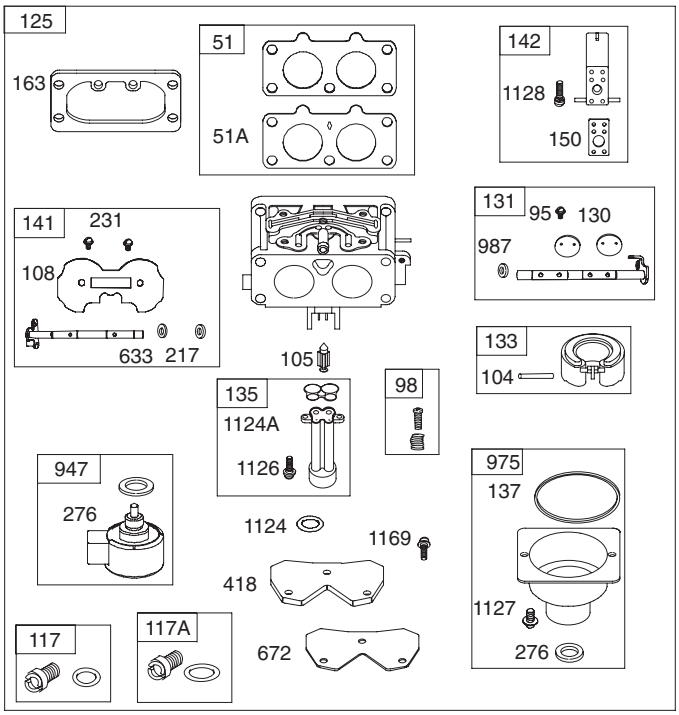
Briggs & Stratton 44M777-0720-B1

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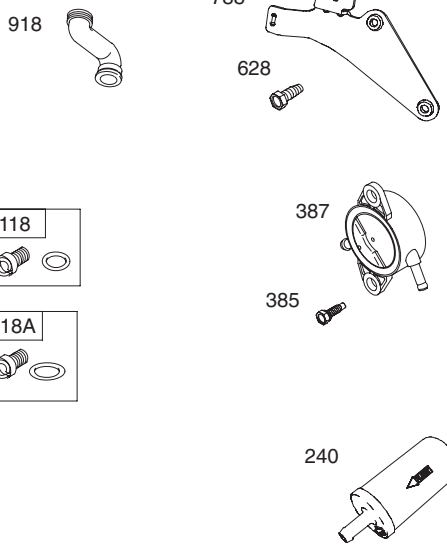
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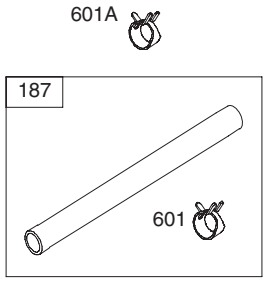
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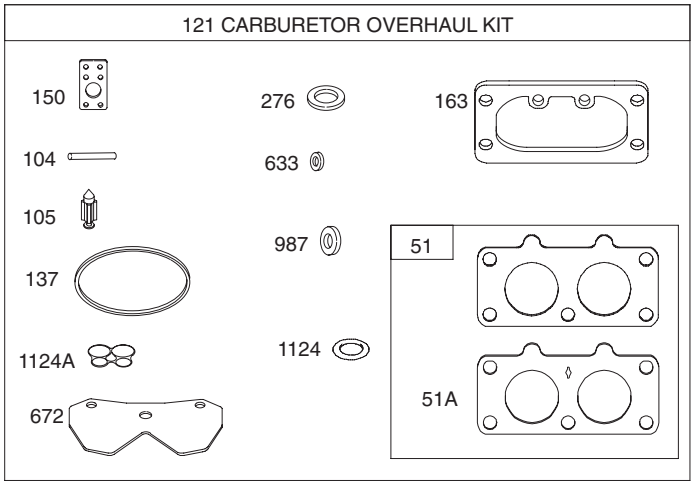
121 CARBURETOR OVERHAUL KIT
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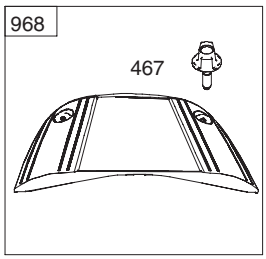
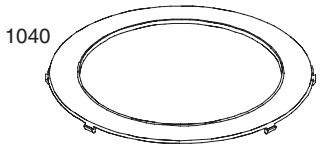
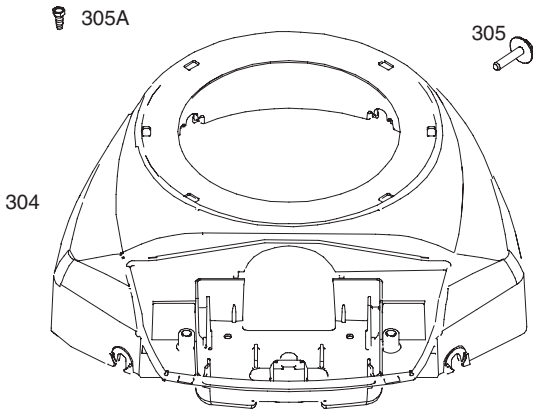
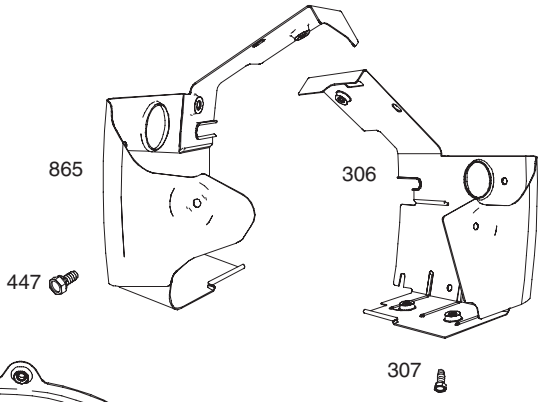
Briggs & Stratton 44M777-0720-B1

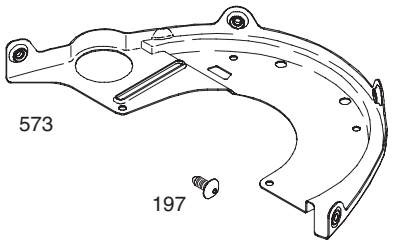
1036 EMISSIONS LABEL

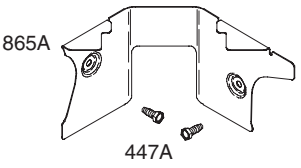


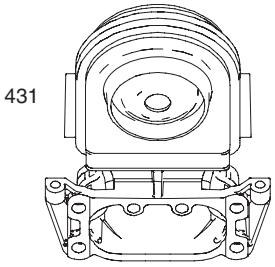


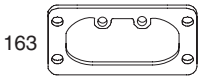


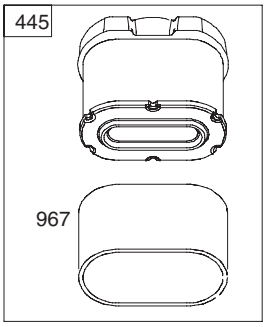


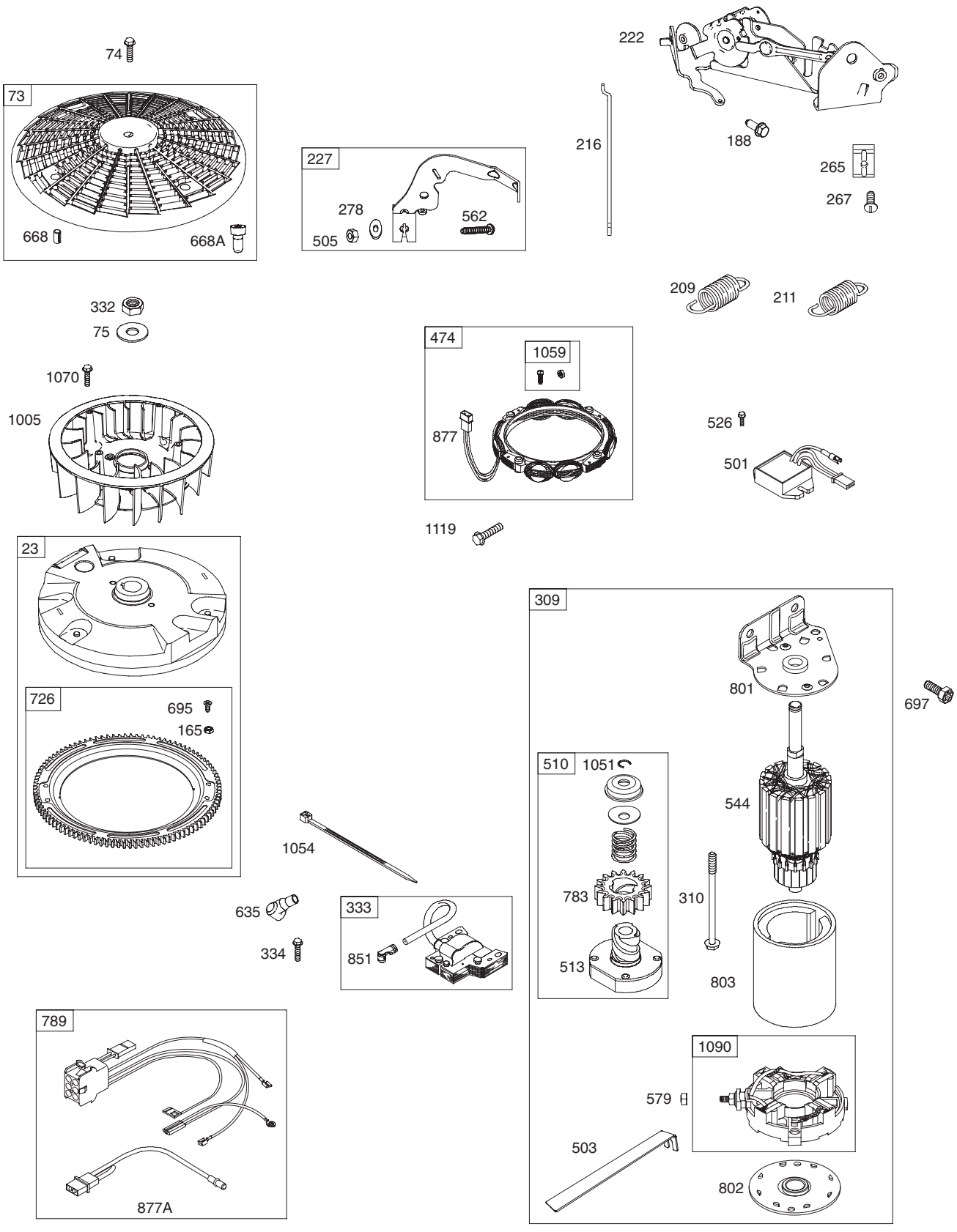








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Briggs & Stratton 44M777-0720-B1

Ref.	Part #	Description
1	BS-793564	Cylinder Assembly
2	BS-499585	Kit-Bushing/Seal (Magneto Side)
3	BS-391086s	Oil Seal (Magneto Side) *
4	BS-796230	EngineSump
5	BS-796231	Cylinder Head (Cylinder #1)
5A	BS-796232	Cylinder Head (Cylinder #2)
7	BS-693997	Cylinder Head Gasket *+
8	BS-792185	Breather Assembly
9	BS-690937	Breather Gasket *
10	BS-697551	Screw (Breather Assembly)
11	BS-792184	Breather Tube
12	BS-697227	Crankcase Gasket *
13	BS-793988	Screw (Cylinder Head)
15	BS-690946	Oil Drain Plug
16	BS-796540	Crankshaft
20	BS-795387	Oil Seal (PTO Side) *
22	BS-694966	Screw (Crankcase Cover/Sump)
23	BS-691053	Flywheel
24	BS-222698s	Flywheel Key
25	BS-792023	Piston Assembly (Standard)
25	BS-792072	Piston Assembly (.020" Oversize)
26	BS-793561	Ring Set (Standard)
26	BS-792073	Ring Set (.020" Oversize)
27	BS-690975	Piston Pin Lock
28	BS-696581	Piston Pin
29	BS-699699	Connecting Rod
32	BS-690976	Screw (Connecting Rod)
33	BS-697576	Exhaust Valve
34	BS-792200	Intake Valve
35	BS-694865	Valve Spring (Intake)
36	BS-694865	Valve Spring (Exhaust)
40	BS-690964	Valve Retainer
42	BS-499586	Valve Keeper
45	BS-690977	Valve Tappet
46	BS-792555	Cam Gear
48	BS-698172	Short Block
50	BS-695241	Intake Manifold

Ref.	Part #	Description
51	BS-795123	Intake Gasket *
51A	BS-690950	Intake Gasket
53	BS-690951	Stud (Carburetor)
54	BS-699816	Screw (Intake Manifold)
73	BS-494439	Rotating Screen
74	BS-698425	Screw (Rotating Screen)
75	BS-691056	Washer (Flywheel)
95	BS-690718	Screw (Throttle Valve)
98	BS-699721	Idle Speed Kit
104	BS-694918	Float Hinge Pin #
105	BS-698537	Float Needle Valve
108	BS-699723	Choke Valve
117	BS-792296	Main Jet (Standard) (Left Jet)
117A	BS-842627	Main Jet (Standard) (Right Jet)
118	BS-699457	Main Jet (High Altitude) (Left Jet)
118A	BS-699733	Main Jet (High Altitude) (Right Jet)
121	BS-792455	Carburetor Overhaul Kit
125	BS-796227	Carburetor
130	BS-690993	Throttle Valve
131	BS-499805	Throttle Shaft Kit
133	BS-699724	Carburetor Float
135	BS-699729	Fuel Transfer Tube
137	BS-690994	Float Bowl Gasket #
141	BS-796228	Choke Shaft Kit
142	BS-699726	Carburetor Nozzle
146	BS-690979	Timing Key
150	BS-690995	Nozzle Gasket
163	BS-691001	Air Cleaner Gasket *#
165	BS-693148	Nut (Ring Gear)
177	BS-691031	O-Ring Seal (Dipstick)
187	BS-791766	Fuel Line (Cut to Required Length)
188	BS-697551	Screw (Control Bracket)
192	BS-690083	Rocker Arm Adjuster
197	BS-697820	Screw (Back Plate)
209	BS-796224	Governor Spring (Yellow/Black)
211	BS-796225	Governed Idle Spring (Orange)
212	BS-695238	Throttle Link

* — Included in Engine Gasket Set, Key. No. 358
+ — Included in Valve Gasket Set, Key No. 1095
# — Included in Carburetor Overhaul Kit, Key No. 121

Ref.	Part #	Description
216	BS-796229	Choke Link
217	BS-695409	Choke Return Spring
219	BS-793338	Governor Gear
220	BS-690412	Washer (Governor Gear)
221	BS-841026	Governor Cup
222	BS-796226	Control Bracket
227	BS-796223	Governor Control Lever
231	BS-690718	Screw (Choke Valve)
239	BS-792028	Oil Pressure Switch
240	BS-695666	Fuel Filter
250	BS-690957	Breather Retainer
252	BS-794389	Oil Collector
265	BS-691024	Casing Clamp
267	BS-695134	Screw (Casing Clamp)
276	BS-695410	Sealing Washer (Fuel Solenoid) #
278	BS-792651	Washer (Governor Control Lever)
287	BS-697551	Screw (Dipstick Tube)
304	BS-796678	Blower Housing
305	BS-691005	Screw (Blower Housing)
305A	BS-790690	Screw (Blower Housing to Intake Elbow)
306	BS-796541	Cylinder Shield (Cylinder #2)
307	BS-697551	Screw (Cylinder Shield) (¼-20 x ⅔)
309	BS-497595	Starter Motor
310	BS-690323	Screw (Starter Motor)
332	BS-691059	Nut (Flywheel)
333	BS-691060	Magneto Armature
334	BS-691061	Screw (Magneto Armature)
337	BS-491055s	Spark Plug
358	BS-694012	Engine Gasket Set
385	BS-697551	Screw (Fuel Pump)
387	BS-808656	Fuel Pump
404	BS-690442	Washer (Governor Crank)
415	BS-794903	Plug (Oil Pressure Switch)
418	BS-795912	Carburetor Plate
431	BS-792297	Intake Elbow
445	BS-792105	Air Cleaner Cartridge Filter

Ref.	Part #	Description
447	BS-691003	Screw (Air Guide Cover) 10-24 x 7/16)
447A	BS-697551	Screw (Air Guide Cover)
467	BS-790697	Air Cleaner Knob
474	BS-696457	Alternator
501	BS-691188	Regulator
503	BS-691532	Starter Strap
505	BS-691029	Nut (Governor Control Lever)
510	BS-696541	Starter Drive
513	BS-692024	Drive Clutch
523	BS-691036	Dipstick
524	BS-691032	Dipstick Tube Seal *
525	BS-691037	Dipstick Tube
526	BS-691129	Screw (Regulator)
544	N/A	Starter Armature (Service with Starter Motor BS-497595, Reference 309)
552	BS-690552	Governor Crank Bushing
552A	BS-690553	Governor Crank Bushing
562	BS-690311	Screw (Governor Control Lever)
573	BS-790444	Back Plate
579	BS-691029	Nut (Starter Cable)
601	BS-691038	Hose Clamp (Black)
601A	BS-791850	Hose Clamp (Green)
615	BS-698290	Governor Shaft Retainer
616	BS-691045	Governor Crank
617	BS-697891	O-Ring Seal (Intake Manifold) (Red)
628	BS-697551	Screw (Fuel Pump Bracket)
633	BS-699813	Choke Seal/Throttle Shaft #
635	BS-66538s	Spark Plug Boot
654	BS-690958	Nut (Carburetor)
668	BS-691215	Spacer (Rotating Screen) *
668A	BS-691500	Spacer (Rotating Screen)
672	BS-690234	Carburetor Plate Gasket
691	BS-790574	Governor Shaft Seal *
695	BS-693149	Screw (Ring Gear)
697	BS-690372	Screw (Drive Cap)
703	BS-691010	Clip

* — Included in Engine Gasket Set, Key. No. 358
+ — Included in Valve Gasket Set, Key No. 1095
# — Included in Carburetor Overhaul Kit, Key No. 121

Briggs & Stratton 44M777-0720-B1

Ref.	Part #	Description
718	BS-690959	Locating Pin
726	BS-499612	Ring Gear
729	BS-694123	Wire Clip
741	BS-690980	Timing Gear
742	BS-690328	E-Ring Retainer (Governor Crank)
750	BS-696999	Screw (Oil Pump Cover)
783	BS-695708	Pinion Gear
788	BS-793145	Fuel Pump Bracket
789	BS-698330	Wiring Harness
798	BS-697890	Screw (Rocker Arm)
801	BS-691283	Drive Cap
802	BS-691286	End Cap
803	N/A	Starter Housing (Service with Starter Motor BS-497595, Reference 309)
847	BS-499602	Dipstick/Tube Assembly
851	BS-493880	Spark Plug Terminal
865	BS-691012	Air Guide Cover (Cylinder #1)
865A	BS-792286	Air Guide Cover (Valley)
868	BS-690968	Valve Seat
877	BS-399916	Alternator Wire/Connector
877A	BS-790544	Alternator Wire/Connector
883	BS-690970	Exhaust Gasket
914	BS-691127	Screw (Rocker Cover)
918	BS-793147	Vacuum Hose
943	BS-796222	O-Ring Seal (Oil Pump Cover)
947	BS-841546	Fuel Solenoid
965	BS-796221	Oil Pump Cover
967	BS-792303	Pre-Cleaner Filter
968	BS-795120	Air Cleaner Cover
975	BS-793592	Float Bowl
987	BS-691000	Throttle Shaft Seal
1005	BS-791236	Flywheel Fan
1013	BS-690954	Oil Filter Nipple

Ref.	Part #	Description
1017	BS-796214	Oil Pump Screen
1022	BS-690971	Rocker Cover Gasket
1023	BS-793146	Rocker Cover (Cylinder #1)
1023A	BS-499600	Rocker Cover (Cylinder #2)
1024	BS-796220	Oil Pump
1026	BS-690981	Push Rod (Exhaust)
1026A	BS-690982	Push Rod (Intake)
1027	BS-795890	Oil Filter
1029	BS-690972	Rocker Arm
1036	N/A	Emissions Label (Available from a Briggs & Stratton Authorized Dealer)
1040	BS-791237	Trim Plate
1051	BS-691265	Retaining Ring (Starter Drive)
1054	BS-280275	Cable Tie
1058	BS-277103	Operator's Manual
1059	BS-698516	Screw/Washer Kit (Alternator)
1070	BS-791680	Screw (Flywheel Fan)
1090	BS-691293	Brush Retainer
1095	BS-694013	Valve Gasket Set
1100	BS-791959	Rocker Arm Pivot
1119	BS-691183	Screw (Alternator)
1124	BS-841653	O-Ring Seal (Fuel Transfer Tube)
1124A	BS-690988	O-Ring Seal (Fuel Transfer Tube)
1126	BS-690991	Screw (Fuel Transfer Tube)
1127	BS-695407	Screw (Fuel Bowl)
1128	BS-690990	Screw (Carburetor Nozzle)
1169	BS-690990	Screw (Carburetor Plate)
1329	BS-44Q777-0037-B1	Replacement Engine (Replacement engine listed is not available Replacement Engine (Replacement engine listed is not available in the State of California. Repair with individual parts).

* — Included in Engine Gasket Set, Key. No. 358
\+ — Included in Valve Gasket Set, Key No. 1095
# — Included in Carburetor Overhaul Kit, Key No. 121

Notes

To order replacement parts, call a Customer Support Representative at (800) 965-4CUB.
Locate your nearest Cub Cadet dealer at (877) 282-8684
or visit www.cubcadet.com to find the nearest Cub Cadet dealer in your area.

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